

## Indian Overseas Bank Apprentice Sample Paper

**Q1.** Nita Ambani received the AAPI Humanitarian Award during the 44th Annual Convention & Scientific Assembly held in which city?

- (a) New York
- (b) Chicago
- (c) Tampa
- (d) San Francisco

**Ans.(c)**

**Sol.** Answer: (c) Tampa

**Solution:**

- Nita Ambani received the AAPI Humanitarian Award and the Key to the City of Tampa in July 2026.
- The honours were presented during the 44th Annual Convention & Scientific Assembly of the American Association of Physicians of Indian Origin held in Tampa.
- She was recognized for her philanthropic contributions to healthcare, education, sports, culture, and community development.

**Information Booster:**

- The AAPI Humanitarian Award is the highest honour conferred by the American Association of Physicians of Indian Origin.
- It recognizes exceptional contributions to public welfare and humanitarian service.
- The Key to the City of Tampa was presented by Jane Castor.
- It is a symbolic civic honour awarded to individuals who have made an extraordinary contribution to society and humanity.

**Additional Knowledge:**

- Nita Ambani leads the Reliance Foundation, which works in the areas of:
  - Healthcare
  - Education
  - Rural transformation
  - Sports development
  - Arts and culture
  - Community empowerment
- The recognition reflects the growing global acknowledgment of Indian philanthropic leadership and its contribution to inclusive development.

**Q2.** Which of the following statements is/are correct regarding Prime Minister Sanae Takaichi's visit to India in July 2026?

1. The visit took place from 1 to 3 July 2026 for the 16th India–Japan Annual Summit.
2. During the summit, India and Japan announced 16 key outcomes to expand cooperation in areas such as AI, clean energy, critical minerals, and biotechnology.
3. The Japan–India Joint Economic Forum witnessed the inauguration of Maruti Suzuki's fourth vehicle manufacturing facility at Kharkhoda, Haryana.

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4. Indian and Japanese companies signed 129 Memorandums of Understanding (MoUs) worth ₹1 lakh crore.

- (a) 1 and 2 only
- (b) 2 and 3 only
- (c) 1, 3 and 4 only
- (d) 1, 2, 3 and 4

**Ans.(d)**

**Sol.** Answer

(d) 1, 2, 3 and 4

Solution

Explanation

- Statement 1 is correct because Sanae Takaichi visited India from 1–3 July 2026 to attend the 16th India–Japan Annual Summit.
- Statement 2 is correct as both countries announced 16 key outcomes covering cooperation in Artificial Intelligence (AI), economic security, clean energy, critical minerals, mobility, biotechnology, pharmaceuticals, and financial services.
- Statement 3 is correct because the Japan–India Joint Economic Forum witnessed the inauguration of Maruti Suzuki’s fourth vehicle manufacturing facility at Kharkhoda.
- Statement 4 is correct since Indian and Japanese companies signed 129 MoUs worth ₹1 lakh crore.

Information Booster

- Host: Narendra Modi
- Venue of Summit: Hyderabad House, New Delhi

Major Outcomes:

- 16 key cooperation initiatives
- 129 India–Japan business MoUs worth ₹1 lakh crore
- Announcement of the 4th India–Japan 2+2 Ministerial Meeting in Tokyo
- Announcement of the first India–Japan defence co-development project involving the UNICORN system for the Indian Navy

Additional Knowledge

- The Japan External Trade Organization promotes trade and investment between Japan and partner countries.
- India and Japan are Special Strategic and Global Partners with cooperation in:
  - Infrastructure
  - High-speed rail
  - Defence and maritime security
  - Semiconductors
  - Critical technologies
  - Clean energy
- The 2+2 Ministerial Dialogue involves the Foreign and Defence Ministers of both countries and focuses on strategic and security cooperation.

**Q3.** The 'VIJAY' transformation roadmap, unveiled in July 2026 by the Chief of the Army Staff (COAS), stands for Vigilance, Innovation, Jointness and Integration, Aatmanirbharta, and \_\_\_\_\_.

- (a) Youth First
- (b) Yodha First
- (c) Yojana First
- (d) Yatra First

**Ans.(b)**

**Sol.** Answer: (b) Yodha First

Solution:

- Dhiraj Seth, the 31st Chief of the Army Staff (COAS) of the Indian Army, unveiled the VIJAY transformation roadmap in July 2026.
- The roadmap is designed to build a technology-driven, future-ready, self-reliant, and multi-domain capable force.
- It aligns with the Ministry of Defence's Decade of Transformation (2023–2032) initiative.

Information Booster: The VIJAY framework consists of five pillars:

- V – Vigilance (border security and emerging threats).
- I – Innovation and Transformation (modern doctrine and technology-driven warfare).
- J – Jointness and Integration (tri-services synergy and whole-of-nation approach for Viksit Bharat 2047).
- A – Aatmanirbharta (self-reliant defence capabilities).
- Y – Yodha First (human capital development through training, skilling, and welfare of Agniveers, veterans, and Veer Naris).

Additional Knowledge:

- The roadmap was developed under the direction of the Chief of the Army Staff (COAS) and will be implemented across all operational commands of the Indian Army.
- It emphasizes digital transformation, indigenous defence technologies, joint military operations, and enhanced operational readiness to address future security challenges.

**Q4.** Keiko Fujimori, who won Peru's Presidential Election 2026, is the leader of which political party?

- (a) Peru Libre
- (b) Popular Force
- (c) Popular Action
- (d) Broad Front

**Ans.(b)**

**Sol.** Answer: (b) Popular Force

Solution:

- Keiko Fujimori won Peru's 2026 presidential election after a closely contested runoff.
- She is the leader of the Popular Force party.
- She is scheduled to assume office on 28 July 2026, succeeding José María Balcázar.
- With this victory, she becomes Peru's 10th President in a decade.

Information Booster:

- Keiko Fujimori is the daughter of former Peruvian President Alberto Fujimori.
- She served as the First Lady of Peru from 1994 to 2000 during her father's presidency.
- She was elected as a Member of Congress for Lima for the period 2006–2011.

Additional Knowledge:

- Keiko Fujimori has led the Popular Force party since 2010.
- She contested Peru's presidential elections four times: 2011, 2016, 2021, and 2026.
- She is one of the leading figures of the Fujimorism political movement in Peru.

**Q5.** AgniKul Cosmos signed an MoU with ICEYE to develop and launch which type of satellite systems?

- (a) Navigation satellites
- (b) Communication satellites
- (c) Synthetic Aperture Radar (SAR) satellites
- (d) Weather satellites

**Ans.(c)**

**Sol.** Answer: (c) Synthetic Aperture Radar (SAR) satellites

Solution:

- Agnikul Cosmos signed a Memorandum of Understanding (MoU) with ICEYE in July 2026.
- The partnership aims to co-develop, launch, and operate an end-to-end Synthetic Aperture Radar (SAR) Earth observation ecosystem from India.
- The agreement was signed during the Bharat Innovates Summit held in Nice.
- The collaboration seeks to strengthen India's indigenous space capabilities and reduce dependence on foreign systems.

Information Booster:

- Synthetic Aperture Radar (SAR) satellites:
- Use radar instead of optical cameras.
- Capture high-resolution images regardless of cloud cover or day-night conditions.
- The partnership will:
- Establish satellite manufacturing in India.
- Launch satellites using AgniKul's indigenous rockets.
- Develop a repeatable satellite-to-launch model for Indian and global customers.

Additional Knowledge:

- Applications of SAR satellites:
- Disaster management.
- Border surveillance.
- Environmental monitoring.
- Defence and security.
- Agnikul Cosmos was established in 2017 and is based at Indian Institute of Technology Madras, Chennai, Tamil Nadu.
- ICEYE specializes in SAR satellite technology for continuous Earth observation.

**Q6.** The Asian Development Bank (ADB) approved a USD 230 million loan for the modernization of water supply and sanitation infrastructure in which Indian city?

- (a) Bengaluru
- (b) Hyderabad
- (c) Chennai
- (d) Pune

**Ans.(c)**

**Sol.** Answer: (c) Chennai

Solution:

- Asian Development Bank approved a USD 230 million loan (approximately ₹1,920 crore) for the Chennai Urban Water and Sanitation Modernisation Project.
- The project aims to modernize and expand the water supply and sanitation infrastructure in Chennai.
- It is aligned with the Government of India's AMRUT 2.0 and Urban Challenge Fund initiatives to strengthen urban infrastructure.

Information Booster:

- The project includes:
  - Construction of 170 km of water pipelines.
  - Upgradation of 7 water pumping stations.
  - Modernization of 38 sewer pumping stations.
  - Performance-based contracts to improve operational efficiency and sustainability.

Additional Knowledge:

- A major feature of the project is the introduction of a ring-main water distribution system.
- With this initiative, Chennai will become the first Indian city to implement a comprehensive ring-main water distribution network across its urban water system.
- The project supports improved water security, efficient distribution, and sustainable urban infrastructure development.

**Q7.** Air India signed a Memorandum of Understanding (MoU) in July 2026 with which company to strengthen India's Maintenance, Repair and Overhaul (MRO) ecosystem?

- (a) Rolls-Royce
- (b) Lufthansa Technik
- (c) SIA Engineering Company
- (d) Boeing

**Ans.(c)**

**Sol.** Answer: (c) SIA Engineering Company (SIAEC)

Solution:

- Air India signed a Memorandum of Understanding (MoU) with SIA Engineering Company (SIAEC) in July 2026.
- The partnership aims to strengthen India's Maintenance, Repair and Overhaul (MRO) ecosystem and position the country as a global aviation MRO hub.
- The MoU was signed in Mumbai, Maharashtra by Campbell Wilson and Chin Yau Seng.

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Information Booster:

- The collaboration aims to:
- Leverage SIAEC's technical and MRO expertise.
- Enhance Air India's maintenance capabilities.
- Explore a potential joint venture (JV) for India's growing aviation market.
- The partnership builds on earlier collaborations, including:
- A 12-year Inventory Technical Management (ITM) agreement for the Airbus A320 fleet (February 2024).
- SIAEC's role in developing Air India's Bengaluru base maintenance facility (May 2024).

Additional Knowledge:

- SIA Engineering Company is part of the Singapore Airlines Group.
- Singapore Airlines holds a 25.1% stake in Air India.
- Air India was founded by J. R. D. Tata in 1932 as Tata Airlines, was nationalized in 1953, and was reacquired by the Tata Group in January 2022.
- Following its merger with Vistara, Air India is co-owned by Tata Sons (74.9%) and Singapore Airlines (25.1%).

**Q8.** According to the Sustainable Development Report (SDR) 2026, what was India's rank among 167 countries?

- (a) 89th
- (b) 94th
- (c) 99th
- (d) 104th

**Ans.(b)**

**Sol.** Answer: (b) 94th

Solution:

- The 11th edition of the Sustainable Development Report (SDR) 2026, released by the United Nations Sustainable Development Solutions Network, ranked India 94th among 167 countries.
- India scored 68.3 out of 100, achieving its highest-ever ranking in the report.
- India improved from 99th place in 2025 to 94th in 2026.
- Since 2015, India has climbed 18 places, from 112th to 94th, making it one of the fastest-improving economies in SDG performance.

Information Booster:

- Top three countries in SDR 2026:

1. Finland – 87.4
2. Sweden – 86.3
3. Denmark – 85.7

- India, however, ranked below Bhutan, Maldives, Nepal, and Sri Lanka in South Asia.

Additional Knowledge:

- According to the report:
- Only 33.3% of India's Sustainable Development Goal (SDG) targets are expected to be achieved by 2030.

- Major challenges remain in 13 of the 17 SDGs, particularly:
- Zero Hunger (SDG 2)
- Good Health and Well-being (SDG 3)
- Gender Equality (SDG 5)
- Sustainable Cities and Communities (SDG 11)
- Climate Action (SDG 13)
- Peace, Justice and Strong Institutions (SDG 16)
- India recorded notable progress in Affordable and Clean Energy (SDG 7) and Industry, Innovation and Infrastructure (SDG 9) through expanded electricity access, internet usage, and broadband connectivity.

**Q9.** Which of the following Indian business leaders is NOT a founding member of the ITU's AI for Good Global Commission, launched in July 2026?

- (a) Mukesh Ambani
- (b) Sunil Bharti Mittal
- (c) Lakshmi N. Mittal
- (d) Nandan Nilekani

**Ans.(d)**

**Sol.** Answer: (d) Nandan Nilekani

Solution:

- The International Telecommunication Union launched the AI for Good Global Commission in July 2026 in Geneva.
- The Commission has 44 founding members and aims to strengthen global AI governance, inclusion, and innovation.
- The Indian business leaders among the founding members are:
- Mukesh Ambani
- Sunil Bharti Mittal
- Lakshmi N. Mittal
- Therefore, Nandan Nilekani is not among the founding members.

Information Booster:

- Objective: To ensure AI serves as a force for global good by promoting:
- Trust in AI.
- Digital inclusion.
- Equitable access to AI technologies.
- Reduction of the global digital divide.
- Leadership:
- Co-Chairs:
- Paul Kagame
- Marc Benioff
- Vice-Chair: Doreen Bogdan-Martin.

Additional Knowledge:

- Other prominent members include:

- Jensen Huang
- Brad Smith
- Andy Jassy
- Julie Sweet
- Ngozi Okonjo-Iweala
- The International Telecommunication Union is the United Nations' specialized agency for information and communication technologies (ICTs).

**Q10.** The report “Strategic Roadmap for Making Ayurveda Global”, released by NITI Aayog in July 2026, aims to transform Ayurveda into a globally recognized healthcare system by which year?

- (a) 2030
- (b) 2035
- (c) 2047
- (d) 2050

**Ans.(c)**

**Sol.** Answer: (c) 2047

Solution:

- NITI Aayog released the report "Strategic Roadmap for Making Ayurveda Global" in July 2026.
- The report was prepared in collaboration with PricewaterhouseCoopers.
- It presents a phased strategy to transform Ayurveda into a globally recognized, evidence-based healthcare system by 2047, in line with the Viksit Bharat@2047 vision.
- The report was launched by Ashok Kumar Lahiri in New Delhi.

Information Booster:

- Objective:
- Strengthen research and innovation.
- Promote regulatory alignment.
- Improve education and skill development.
- Boost exports.
- Enhance international collaborations.
- The roadmap is based on three pillars:
- Availability – Global workforce, exports, research & development, education.
- Acceptability – Regulation, insurance coverage, collaborations, adaptability.
- Propagation – Branding, global visibility, medical value travel, and international engagement.

Additional Knowledge:

- The report was launched in the presence of:
- M. Srinivas.
- Rajesh Kotecha.
- The Ministry of AYUSH is responsible for promoting Ayurveda, Yoga & Naturopathy, Unani, Siddha, and Homoeopathy in India and globally.

**Q11.** India signed its first defence co-development agreement with which country on 2 July 2026?

- (a) France
- (b) Australia
- (c) Japan
- (d) South Korea

**Ans.(c)**

**Sol.** The correct answer is (C) Japan

Explanation:

- On 2 July 2026, India signed its historic first-ever formal defence co-development agreement with Japan. This historic milestone was achieved during the 16th India–Japan Annual Summit held in New Delhi, where Indian Prime Minister Narendra Modi and Japanese Prime Minister Sanae Takaichi finalized agreements to co-develop and manufacture critical military hardware.
- Unlike standard buyer-seller relationships or unilateral technology imports, a defense co-development framework entails joint engineering, technology sharing, and domestic manufacturing between the two nations. This joint effort enhances India's indigenous defense manufacturing infrastructure and fosters strategic autonomy.
- The signing of this pact underscores a deep alignment of strategic interests in maritime security, electronic warfare, and supply chain resilience in the Indo-Pacific region, providing a significant boost to India's 'Atmanirbhar Bharat' and 'Make in India' initiatives in the defense sector.

Information Booster:

- The inaugural project under this co-development framework is the manufacturing of the advanced Naval Radio Antenna 'UNICORN' mast for the Indian Navy's future frontline surface warships. Bharat Electronics Limited (BEL), a state-owned defense PSU, will partner with Japanese defense enterprises to execute the production and system integration within India.
- With this agreement, India became only the second Asian nation, following the Philippines, to enter into a direct defense technology transfer and co-development agreement with Tokyo, highlighting the unique and elevated status of the India-Japan Special Strategic and Global Partnership.

Additional Knowledge:

- France (Option A): While France is one of India's closest strategic partners, with extensive cooperation in defense acquisitions (such as Rafale fighter jets and Scorpene/Kalvari-class submarines) and technology sharing, it is not the country with which India signed this specific co-development pact on 2 July 2026.
- Australia (Option B): Australia interacts closely with India through the Quad framework and bilateral military exercises like 'Austrahind' and 'Malabar'. However, their defense ties focus primarily on logistics sharing, maritime domain awareness, and operational interoperability rather than industrial co-development projects.
- South Korea (Option D): India and South Korea share defense ties, most notably seen in the domestic production of the K9 Vajra-T self-propelled howitzer by Larsen & Toubro under a technology transfer license from Hanwha Aerospace, but it remains a licensed production model rather than a joint co-development pact.

**Q12.** The first India–Japan defence co-development project focuses on the co-development of which naval system?

- (a) BrahMos missile system
- (b) Akash-NG air defence system
- (c) Naval Radio Antenna 'UNICORN'
- (d) Varunastra torpedo

**Ans.(c)**

**Sol.** The correct answer is (C) Naval Radio Antenna 'UNICORN'

Explanation:

- The inaugural project under the newly minted India–Japan defense co-development framework is focused exclusively on the Naval Radio Antenna 'UNICORN' (Unified Complex Radio Antenna) mast system. Signed on 2 July 2026 at the 16th India-Japan Annual Summit in New Delhi, this agreement outlines the path for India to indigenously manufacture and integrate these advanced masts onto future warships.
- The UNICORN system replaces conventional naval superstructure towers that feature scattered, exposed antennas. Instead, it consolidates communication, radar, and electronic warfare sensors into a singular, unified column wrapped in radar-absorbent materials.
- This technological leap directly minimizes the ship's radar cross-section, drastically enhancing the stealth signature of naval platforms. The implementation of this system will significantly elevate the operational capabilities of the Indian Navy during maritime surveillance and combat missions.

Information Booster:

- In India, the public sector undertaking Bharat Electronics Limited (BEL) has been designated as the primary production agency. BEL will collaborate closely with Japanese defense manufacturers to assimilate the technology and handle system integration locally.
- The background of this development rests on a Memorandum of Implementation (MoI) signed between the two governments in Tokyo in late 2024. The transition from the MoI to an active co-development contract in 2026 highlights the accelerating pace of technology transfers within the Quad framework.

Additional Knowledge:

- BrahMos missile system (Option A): This is a highly successful supersonic cruise missile developed through a joint venture between India's DRDO and Russia's NPO Nashinostroyeniya. It is actively exported to nations like the Philippines, but is completely separate from Japan's defense initiatives.
- Akash-NG air defence system (Option B): The Akash Next Generation is a state-of-the-art surface-to-air missile system developed natively by India's Defence Research and Development Organisation (DRDO) to defend against low radar-cross-section aerial threats, independent of Japanese collaboration.
- Varunastra torpedo (Option D): This is an indigenous Indian heavy-weight, ship-launched, electrically-propelled anti-submarine torpedo designed by the Naval Science and Technological Laboratory (NSTL) of DRDO and manufactured by Bharat Dynamics Limited (BDL), requiring no external co-development inputs.

**Q13.** The acronym UNICORN, used for the naval radio antenna system, stands for:

- (a) Unified Naval Integrated Communication and Radar Network
- (b) Unified Complex Radio Antenna
- (c) Universal Naval Communication Radar Node
- (d) Unified Communication Relay and Navigation System

**Ans.(b)**

**Sol.** The correct answer is (B) Unified Complex Radio Antenna

Explanation:

- The acronym UNICORN stands precisely for Unified Complex Radio Antenna. It represents a highly sophisticated, next-generation integrated mast system developed for modern surface warships. In naval engineering, standard superstructures feature various exposed, distinct antenna assemblies dedicated to specific bands, radars, and data networks, which clutter the ship's profile.
- The UNICORN mast consolidates these separate antennas into a singular, integrated, streamlined tower housing multi-band capabilities. This structural unification eliminates the geometric protrusions that reflect radio waves back to enemy tracking stations.
- By merging these complex systems under a uniform, cylindrical composite shell, the UNICORN mast significantly minimizes the ship's radar cross-section (RCS). This technological integration enhances the stealth characteristics, survivability, and electronic warfare capabilities of modern naval vessels in highly contested maritime zones.

Information Booster:

- The UNICORN mast, formally known in Japanese military development as the Nora-50 system, is standard on the Japan Maritime Self-Defense Force's (JMSDF) advanced Mogami-class frigates. It provides simultaneous processing of tactical data links, TACAN (Tactical Air Navigation), and communication frequencies without electromagnetic interference between systems.
- Under the landmark defense co-development agreement signed on 2 July 2026 during the 16th India-Japan Annual Summit, India's Bharat Electronics Limited (BEL) will collaborate with Japanese firms to manufacture and integrate the UNICORN system locally for the Indian Navy's upcoming frontline surface platforms.

Additional Knowledge:

- Option A (Unified Naval Integrated Communication and Radar Network), Option C (Universal Naval Communication Radar Node), and Option D (Unified Communication Relay and Navigation System) are plausible-sounding naval engineering terms engineered as distractors. They do not represent the official technical nomenclature of this specific military system co-developed by India and Japan.

**Q14.** The UNICORN mast is primarily designed to enhance which feature of naval platforms?

- (a) Cargo carrying capacity
- (b) Missile range
- (c) Stealth characteristics
- (d) Underwater endurance

**Ans.(c)**

**Sol.** The correct answer is (C) Stealth characteristics

Explanation:

- The UNICORN mast, formally known as the Unified Complex Radio Antenna, is a groundbreaking, integrated mast system designed to streamline a warship's upper structure. It merges multiple communication antennas, tactical data links, and radar elements that are traditionally scattered across the ship's superstructure into a single, unified, smooth column wrapped in advanced composite materials.
- By eliminating these scattered and exposed antennas, the system dramatically reduces the vessel's Radar Cross-Section (RCS). A lower RCS means that incoming enemy radar waves are deflected away or absorbed rather than reflected directly back to the transmitter, thereby making the warship significantly harder to detect on hostile radar networks.
- Consequently, this architectural consolidation directly enhances the stealth characteristics and tactical survival capabilities of modern naval platforms in contested environments, allowing them to carry out low-observability missions and evade hostile tracking systems.

Information Booster:

- The UNICORN mast is also designated as the Nora-50 antenna system and is widely recognized as one of the most advanced weapon-grade multi-band antenna systems globally, famously deployed on Japan's Mogami-class stealth frigates.
- During the 16th India–Japan Annual Summit held in New Delhi on 2 July 2026, India and Japan finalized their first-ever joint defence co-development agreement to manufacture this system domestically in India. This project represents a milestone for India's Atmanirbhar Bharat initiative, as Bharat Electronics Limited (BEL) will spearhead the manufacturing and system integration of the UNICORN masts for the future warships of the Indian Navy, substituting older Advanced Composite Communication Systems (ACCS).

Additional Knowledge:

- Cargo carrying capacity (Option A): This feature relates strictly to the vessel's internal hull volume, displacement, deadweight tonnage, and hull structural engineering, which are completely unaffected by the electronics mast assembly on the upper deck.
- Missile range (Option B): The range of onboard offensive missiles is determined by propulsion physics, fuel composition, aerodynamic design, and solid/liquid booster technologies (e.g., BrahMos or vertical launch systems), rather than the design of the radio antenna mast.
- Underwater endurance (Option D): This is a critical metric for submarines, primarily enhanced through Air-Independent Propulsion (AIP) systems, lithium-ion battery banks, or nuclear reactors, and has no bearing on a surface warship's mast structure.

**Q15.** The 16th India–Japan Annual Summit, during which the defence co-development agreement was signed, was held in:

- (a) Tokyo
- (b) New Delhi
- (c) Osaka
- (d) Mumbai

**Ans.(b)**

**Sol.** The correct answer is (B) New Delhi

Explanation:

- The 16th India–Japan Annual Summit was officially hosted in New Delhi from 1–3 July 2026. This summit serves as the highest institutional mechanism governing bilateral relations between the two countries, alternating venues between India and Japan each year.
- During this high-profile summit at Hyderabad House in the national capital, Indian Prime Minister Narendra Modi and Japanese Prime Minister Sanae Takaichi held detailed bilateral and delegation-level talks. The meetings culminated in the signing of a historic defense co-development agreement alongside 16 key bilateral outcomes across artificial intelligence, clean energy, and economic security.
- New Delhi was selected as the exclusive venue for this summit to maximize diplomatic engagement within tight schedules, allowing senior ministers, National Security Advisors, and enterprise CEOs from both nations to participate directly in signing the bilateral frameworks.

Information Booster:

- Diplomatic sources indicated that alternative locations like Guwahati, Assam, were initially considered to showcase connectivity projects in Northeast India, which Japan actively supports through official development assistance (ODA). However, due to pressing domestic parliamentary commitments for Prime Minister Takaichi in Tokyo, the state visit was streamlined exclusively to New Delhi.
- The summit concluded with a major joint statement reaffirming a shared vision for a 'Free and Open Indo-Pacific' (FOIP), closely aligning Japan's updated maritime policies with India's indigenous Indo-Pacific Oceans' Initiative (IPOI) to secure critical sea lanes.

Additional Knowledge:

- Tokyo (Option A): Tokyo hosted the previous 15th India-Japan Annual Summit in August 2025, where Prime Minister Narendra Modi traveled to Japan to meet the then-leadership and map out the foundational targets for private sector investments.
- Osaka (Option C): Osaka is a major economic and commercial hub in Japan that has frequently hosted international multilateral forums, such as the G20 Summit in 2019, but it did not host the 2026 bilateral summit.
- Mumbai (Option D): Mumbai is the financial capital of India and a major destination for Japanese corporate offices and infrastructure investments, particularly the bullet train terminal, but it does not serve as the venue for official state-level annual political summits.

**Q16.** Lieutenant General (Retired) Madan Mohan (M.M.) Lakhera, who passed away in June 2026, served as the Governor of which Indian state from 2006 to 2011?

- (a) Manipur
- (b) Mizoram
- (c) Nagaland
- (d) Tripura

**Ans.(b)**

**Sol.** Answer: (b) Mizoram

Solution:

- Madan Mohan Lakhera, a retired Lieutenant General of the Indian Army, passed away in June 2026 at the age of 88 in Dehradun.
- He served as the 8th Governor of Mizoram from 25 July 2006 to 2 September 2011.

- Before this, he had served as the Lieutenant Governor of Puducherry after retiring from military service.

- He also held additional charge as the 9th Lieutenant Governor of the Andaman and Nicobar Islands.

Information Booster:

- Lt Gen M.M. Lakhera was commissioned into the Indian Army from the Indian Military Academy in June 1958.

- He had extensive experience in counter-insurgency operations.

- He was honoured with:

- Param Vishisht Seva Medal (PVSM)

- Ati Vishisht Seva Medal (AVSM)

- Vishisht Seva Medal (VSM)

Additional Knowledge:

- He was appointed as the Lieutenant Governor and Administrator of Puducherry in 2004.

- On 29 November 2005, he assumed additional charge as the Lieutenant Governor of the Andaman and Nicobar Islands under Article 239 of the Constitution of India.

- Lt Gen Lakhera was widely respected for his distinguished military service and contributions to public administration after retirement.

**Q17.** Puviyarasu, who passed away in July 2026, was primarily associated with which Indian language?

(a) Kannada

(b) Malayalam

(c) Tamil

(d) Telugu

**Ans.(c)**

**Sol.** Answer: (c) Tamil

Solution:

- Puviyarasu was a renowned Tamil poet, translator, screenwriter, and actor who passed away in July 2026 at the age of 96 in Coimbatore.

- Born as Jagannathan in 1930, he later adopted the pen name Puviyarasu.

- He worked as a Tamil teacher and began publishing poetry in 1952.

- He was a founding member of the Vaanampaadi movement, which promoted Tamil free verse poetry and modern literary expression.

Information Booster:

- Puviyarasu authored more than 120 books, including poetry collections and translations.

- He translated the works of:

- Khalil Gibran

- Fyodor Dostoevsky

- Osho

- Rabindranath Tagore

Additional Knowledge:

- He received the Sahitya Akademi Award twice:

- 2007 for Puratchikaran, the Tamil translation of The Revolutionary.
- 2010 for Kaiyoppam.
- He was widely recognized for his contributions to both Tamil poetry and literary translation.

**Q18.** World Sports Journalists Day is observed every year on 2 July to commemorate the establishment of which organization?

- (a) International Olympic Committee
- (b) International Sports Press Association
- (c) International Sports Federation
- (d) Fédération Internationale de Football Association

**Ans.(b)**

**Sol.** Answer: (b) International Sports Press Association (AIPS)

Solution:

- World Sports Journalists Day is observed every year on 2 July to recognize the contribution of sports journalists in promoting sports, ensuring fair reporting, and connecting audiences with sporting events worldwide.
- The day commemorates the establishment of the International Sports Press Association on 2 July 1924.
- It highlights the important role of sports journalism in promoting ethics, transparency, and public awareness in sports.

Information Booster:

- World Sports Journalists Day was established by the International Sports Press Association in 1994.
- The first observance was held on 2 July 1994, marking the 70th anniversary of AIPS.
- AIPS is the global association representing sports journalists and sports media professionals.

Additional Knowledge:

- The International Sports Press Association was founded in 1924 during the 1924 Summer Olympics in Paris, France.
- AIPS works to promote professional standards, ethical journalism, press freedom, and international cooperation among sports journalists.

**Q19.** After receiving eight new Geographical Indication (GI) tags in July 2026, the total number of GI-tagged products in Himachal Pradesh increased to:

- (a) 15
- (b) 16
- (c) 17
- (d) 18

**Ans.(c)**

**Sol.** Answer: (c) 17

Solution:

- Himachal Pradesh secured eight new Geographical Indication (GI) registrations in July 2026.
- With these additions, the total number of GI-tagged products in the state increased from 9 to 17.

- The registrations were facilitated by the Himachal Pradesh Council for Science, Technology and Environment.
- Sukhvinder Singh Sukhu stated that the achievement would strengthen the state's cultural identity, traditional knowledge, and rural economy.

Information Booster: The eight newly registered GI products are:

- Seabuckthorn (Chharma) – Spiti
- Salooni Safed Makka (White Maize) – Chamba
- Chamba Metal Art – Chamba
- Sirmauri Loiya – Sirmaur
- Kinnauri Topi – Kinnaur
- Kinnauri Apple – Kinnaur
- Kinnauri Jewellery – Kinnaur
- Sepuvadi – Mandi

Additional Knowledge:

- A Geographical Indication (GI) is an intellectual property right that identifies products originating from a specific geographical region whose quality, reputation, or characteristics are essentially linked to that place.
- GI tags help:
  - Protect traditional products and artisans.
  - Promote rural livelihoods and local economies.
  - Preserve cultural heritage and indigenous knowledge.
- In India, GI registration is governed by the Geographical Indications of Goods (Registration and Protection) Act, 1999.

**Q20.** The Digital India Programme, launched on 1 July 2015, is implemented by which Ministry?

- (a) Ministry of Communications
- (b) Ministry of Electronics and Information Technology (MeitY)
- (c) Ministry of Science and Technology
- (d) Ministry of Information and Broadcasting

**Ans.(b)**

**Sol.** Answer: (b) Ministry of Electronics and Information Technology (MeitY)

Solution:

- The Digital India Programme is implemented by the Ministry of Electronics and Information Technology.
- It was launched by Narendra Modi on 1 July 2015.
- On 1 July 2026, the programme completed 11 years.
- It aims to transform India into a digitally empowered society and knowledge economy and has expanded its focus to Artificial Intelligence (AI) and semiconductor manufacturing.

Information Booster:

- The three key visions of the Digital India Programme are:
  - Provide every citizen with accessible, reliable, and secure digital infrastructure.
  - Ensure seamless, integrated, and on-demand digital delivery of government services.

- Promote digital literacy, universal access to digital resources, and citizen participation in governance.

Additional Knowledge:

- Since the launch of the programme:
- Internet connections have increased by around four times.
- The cost of mobile data has declined from about ₹269 per GB to ₹8–10 per GB, making internet access among the most affordable globally.
- The Digital India Programme has supported initiatives such as:
- Digital public infrastructure
- Digital payments
- E-governance services
- AI and semiconductor ecosystem development

**Q21.** The Ministry of Tourism signed a Memorandum of Understanding (MoU) with which company in June 2026 to strengthen the digital promotion of India's tourism destinations?

- (a) Microsoft
- (b) Meta
- (c) Google India
- (d) Amazon

**Ans.(c)**

**Sol.** Answer: (c) Google India

Solution:

- The Ministry of Tourism signed a Memorandum of Understanding (MoU) with Google India in June 2026.
- The partnership aims to strengthen the digital promotion of India's tourism destinations using Artificial Intelligence (AI), analytics, and data-driven insights.
- The MoU was signed in the presence of Gajendra Singh Shekhawat in New Delhi.
- It seeks to enhance the global visibility of India's tourism sector.

Information Booster:

- The collaboration focuses on:
- Digital tourism promotion
- AI-based visitor engagement tools
- Knowledge sharing and capacity building
- Campaign optimisation
- Leveraging Google's digital ecosystem for wider outreach
- The initiative promotes India's:
- Cultural heritage
- Natural attractions
- Spiritual tourism
- Wellness tourism
- Adventure tourism

Additional Knowledge:

- The MoU is non-commercial, non-binding, and non-exclusive.
- It involves no financial commitment from either party.
- The collaboration supports the Government of India's Incredible India initiative by using digital technologies to attract more domestic and international tourists.

**Q22.** The National Payments Corporation of India (NPCI) partnered with HSBC India and JP Morgan Payments to enable real-time Foreign Exchange (FX) settlement for which payment system?

- (a) National Electronic Funds Transfer (NEFT)
- (b) Immediate Payment Service (IMPS)
- (c) Unified Payments Interface (UPI)
- (d) Real Time Gross Settlement (RTGS)

**Ans.(c)**

**Sol.** Answer: (c) Unified Payments Interface (UPI)

Solution:

- National Payments Corporation of India partnered with HSBC India and J.P. Morgan Payments in July 2026.
- The collaboration enables real-time Foreign Exchange (FX) settlement for cross-border Unified Payments Interface (UPI) transactions.
- The initiative aims to improve the transparency, speed, and efficiency of international digital payments for Indian users.

Information Booster:

- Under the partnership:
- HSBC India will provide real-time FX rates through direct API integration.
- J.P. Morgan Payments will support real-time FX conversion and settlement across multiple currencies.
- The collaboration combines UPI's global acceptance with advanced cross-border payment capabilities.

Additional Knowledge:

- Currently, UPI is operational in 9 countries:
- Singapore
- United Arab Emirates
- Nepal
- Bhutan
- Mauritius
- France
- Sri Lanka
- Qatar
- Cambodia
- Global UPI transaction volume increased from 0.75 million (FY25) to 1.48 million (FY26), while the transaction value reached ₹330.43 crore in FY26.

**Q23.** Which of the following statements is/are correct regarding Prime Minister Narendra Modi's visit to Seychelles in June 2026?

1. PM Modi visited Seychelles from 27 to 29 June 2026.
2. He attended the Golden Jubilee National Day celebrations of Seychelles as the Guest of Honour.
3. He was conferred the "Guardian of the Blue Horizon" title, the highest distinction of Seychelles.
4. During the visit, India and Seychelles signed 9 Memorandums of Understanding (MoUs).

- (a) 1 and 2 only
- (b) 2 and 3 only
- (c) 1, 3 and 4 only
- (d) 1, 2, 3 and 4

**Ans.(d)**

**Sol.** Answer

- (d) 1, 2, 3 and 4

### Solution Explanation

- Statement 1 is correct because PM Narendra Modi visited Seychelles from 27–29 June 2026.
- Statement 2 is correct as he attended the Golden Jubilee celebrations of Seychelles' National Day as the Guest of Honour, marking 50 years of independence.
- Statement 3 is correct because he received the honorary title "Guardian of the Blue Horizon", the highest distinction of Seychelles.
- Statement 4 is correct since India and Seychelles signed 9 MoUs covering multiple sectors.

### Information Booster

- Host: Patrick Herminie
- Venue of Bilateral Meeting: State House, Victoria

### Key Areas of Cooperation:

- Defence
- Healthcare
- Digital payments
- Agriculture
- Maritime cooperation
- Space
- Infrastructure
- Renewable energy
- Capacity building

### Major Outcomes:

- ₹1,250 crore Line of Credit (LoC)
- Handover of Fast Patrol Vessel (FPV) PS LESPWAR
- Delivery of 6 ambulances, 10 utility vehicles, and 5 Laser Radical Boats
- Release of a joint commemorative logo marking 50 years of diplomatic relations between India and Seychelles

### Additional Knowledge

- Capital of Seychelles: Victoria.
- Seychelles is an island nation located in the Indian Ocean and is strategically important for India's maritime security and SAGAR (Security and Growth for All in the Region) vision.
- India and Seychelles maintain close cooperation in:
  - Blue Economy
  - Maritime security
  - Capacity building
  - Disaster management
  - Renewable energy
  - Development partnership

**Q24.** On the occasion of its 111th Foundation Day, the Zoological Survey of India (ZSI) inaugurated which event in June 2026?

- (a) National Biodiversity Congress 2026
- (b) 4th Animal Taxonomy Summit (ATS 4.0)
- (c) India Wildlife Expo 2026
- (d) National Faunal Conservation Conference

**Ans.(b)**

**Sol.** Answer: (b) 4th Animal Taxonomy Summit (ATS 4.0)

Solution:

- Bhupender Yadav inaugurated the 4th Animal Taxonomy Summit (ATS 4.0) on 30 June 2026.
- The event marked the 111th Foundation Day of the Zoological Survey of India and was held at the Dhano Dhanyo Auditorium in Kolkata.
- The three-day summit (30 June–2 July 2026) highlighted India's biodiversity research and wildlife conservation efforts.
- The summit documented 709 new faunal records.

**Information Booster:**

- During the summit, the following publications were released jointly by the Zoological Survey of India and the Botanical Survey of India:
  - Animal Discoveries–2025
  - Plant Discoveries–2025
- The 19th edition of Plant Discoveries–2025 added 353 taxa to India's floral database.
- Digital platforms launched included:
  - Fauna of India Checklist Version 3.0
  - PaleoIndia Portal

**Additional Knowledge:**

- Major activities of ATS 4.0 included:
  - 111-Hours Nationwide Hackathon on Traditional Knowledge for Biodiversity.
  - 16 regional competitions.
  - National semi-finals at Dehradun.
  - Grand finale in Kolkata.
- The Zoological Survey of India is India's premier institution for faunal exploration, taxonomy, and biodiversity documentation under the Ministry of Environment, Forest and Climate Change (MoEFCC).

**Q25.** Who was appointed as the Part-time Chairman of HDFC Bank in July 2026?

- (a) Keki Mistry
- (b) Atanu Chakraborty
- (c) Rajiv Kumar
- (d) Shaktikanta Das

**Ans.(c)**

**Sol.** Answer: (c) Rajiv Kumar

**Solution:**

- Rajiv Kumar was appointed as the Part-time Chairman of HDFC Bank in July 2026.
- His appointment is for a three-year term, effective from the date approved by the Reserve Bank of India.
- He is the former Chief Election Commissioner (CEC) of India.
- The appointment strengthens the bank's governance structure through independent leadership.

**Information Booster:**

- Rajiv Kumar will succeed Keki Mistry, who had been serving as the interim Chairman of HDFC Bank.
- Keki Mistry took over after Atanu Chakraborty stepped down in March 2026, citing ethical concerns.
- Rajiv Kumar has also been appointed as an Additional Independent Director of HDFC Bank for a four-year term, effective 30 June 2026.

**Additional Knowledge:**

- The appointment of the Chairman of a private sector bank requires the approval of the Reserve Bank of India.
- Rajiv Kumar previously served as the Chief Election Commissioner of India, the constitutional authority responsible for supervising elections to Parliament, State Legislatures, and the offices of the President and Vice-President of India.

**Q26. In the question below, two words are omitted, which are replaced by blanks. Choose the best combination of the words that can fit into the given blank in the same order so to make a grammatically and logically correct statement.**

The \_\_\_\_\_ boy was \_\_\_\_\_ to everybody.

- (a) humble, rude
- (b) tyrannical, manageable
- (c) humble, abusive
- (d) benevolent, gruesome
- (e) courteous, civil

**Ans.(e)**

**Sol.** Let's analyze the sentence and the options:

**Sentence:**

"The \_\_\_\_\_ boy was \_\_\_\_\_ to everybody."

We need a **logical** and **grammatically correct** combination of adjectives to describe the boy and his behavior toward everyone.

**Option (a): humble, rude**

- Contradictory. A *humble* boy is unlikely to be *rude* to everybody.
- **Illogical**

**Option (b): tyrannical, manageable**

- *Tyrannical* means oppressive and cruel, while *manageable* means easy to control. A tyrannical boy cannot be described as manageable.
- **Contradictory**

**Option (c): humble, abusive**

- Same contradiction as option (a); a humble person wouldn't be abusive.
- **Illogical**

**Option (d): benevolent, gruesome**

- *Benevolent* means kind and generous; *gruesome* means horrifying. Total mismatch.
- **Makes no sense**

**Option (e): courteous, civil**

- *Courteous* and *civil* both mean polite and respectful. Perfect match.
- **Logically and grammatically correct**

**Correct Answer: (e) courteous, civil**

**Final sentence:** *The courteous boy was civil to everybody.*

**Q27. In the following questions, two columns are given containing three sentences/phrases each. In the first column, sentences/phrases are A, B and C and in the second column, the sentences/phrases are D, E and F. A sentence/phrase from the first column may or may not connect with another sentence/phrase from the second column. Each question has five options, four of which display the sequence(s) in which the sentences/phrases can be joined to form a grammatically and contextually correct sentence. Choose the appropriate option. If none of the given options forms a correct sentence after combination, mark "None of these" as your answer.**

**COLUMN I**

- (i) The media and entertainment union, has lobbied for the workers  
(ii) Pubs, restaurants and other hospitality venues will  
(iii) In Asia, a tradition of partly religious and partly legendary sources

**COLUMN II**

- (iv) provides the repertory for the puppet theatres.  
(v) find permanent theatres and showboats housing musical revues.  
(vi) seems very unlikely any will stay open in the face of the warning.  
(a) Only (i)-(v)  
(b) Only (iii)-(iv)  
(c) (ii)-(v) and (i)-(iv)  
(d) (i)-(v) and (iii)-(iv)  
(e) None of these

**Ans.(b)**

**Sol.** The correct combination to form a contextually complete sentence is:

"In Asia, a tradition of partly religious and partly legendary sources provides the repertory for the puppet theatres."

**ANALYSIS**

- Option (i) does not have a suitable completion in Column II to create a coherent sentence.  
Option (ii) does not have a suitable completion in Column II to create a coherent sentence.  
Option (iii) in Column I introduces the topic of Asian tradition, and option (iv) in Column II provides a continuation that is contextually related, talking about puppet theatres being supplied with material from this tradition.  
Option (v) is not directly related to the context of Asian tradition or puppet theatres.  
Option (vi) does not connect well with the phrases in Column I and does not contribute to forming a coherent sentence.

**Directions (3-7): Rearrange the following six sentences (A), (B), (C), (D) and (E) in the proper sequence to form a meaningful paragraph and then answer the questions given below.**

- (A) This phase is critical as it helps the rocket escape Earth's gravity and enter space.  
(B) Following liftoff, the rocket undergoes several stages of propulsion, each designed to maximize efficiency.  
(C) The space launch begins with the ignition of the rocket engines, producing the necessary thrust to lift the vehicle off the ground.  
(D) Once in space, the spacecraft separates from the rocket, allowing it to proceed with its mission.  
(E) As the rocket ascends, it sheds its spent stages, reducing weight and ensuring that the remaining fuel is used effectively.

**Q28.** Which of the following should be the FIRST sentence after rearrangement?

- (a) A  
(b) C  
(c) D  
(d) E  
(e) B

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**Ans.(b)**

**Sol. Correct Sequence:**

**C - B - A - E - D**

**Explanation:**

1. **C** introduces the topic by describing the beginning of the space launch with the ignition of rocket engines and liftoff.
2. **B** follows logically, explaining that after liftoff, the rocket goes through various stages of propulsion designed for efficiency.
3. **A** highlights the importance of this phase in overcoming Earth's gravity, which is the primary goal of the initial propulsion stages.
4. **E** then explains how the rocket sheds its spent stages as it ascends, optimizing the use of remaining fuel.
5. **D** concludes the sequence by describing the separation of the spacecraft from the rocket once it reaches space, marking the completion of the launch process.

**Q29.** Which of the following should be the **SECOND** sentence after rearrangement?

- (a) A
- (b) C
- (c) D
- (d) E
- (e) B

**Ans.(e)**

**Sol. Correct Sequence:**

**C - B - A - E - D**

**Explanation:**

1. **C** introduces the topic by describing the beginning of the space launch with the ignition of rocket engines and liftoff.
2. **B** follows logically, explaining that after liftoff, the rocket goes through various stages of propulsion designed for efficiency.
3. **A** highlights the importance of this phase in overcoming Earth's gravity, which is the primary goal of the initial propulsion stages.
4. **E** then explains how the rocket sheds its spent stages as it ascends, optimizing the use of remaining fuel.
5. **D** concludes the sequence by describing the separation of the spacecraft from the rocket once it reaches space, marking the completion of the launch process.

**Q30.** Which of the following should be the **THIRD** sentence after rearrangement?

- (a) A
- (b) C
- (c) D
- (d) E
- (e) B

**Ans.(a)**

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**Sol. Correct Sequence:**

**C - B - A - E - D**

**Explanation:**

1. **C** introduces the topic by describing the beginning of the space launch with the ignition of rocket engines and liftoff.
2. **B** follows logically, explaining that after liftoff, the rocket goes through various stages of propulsion designed for efficiency.
3. **A** highlights the importance of this phase in overcoming Earth's gravity, which is the primary goal of the initial propulsion stages.
4. **E** then explains how the rocket sheds its spent stages as it ascends, optimizing the use of remaining fuel.
5. **D** concludes the sequence by describing the separation of the spacecraft from the rocket once it reaches space, marking the completion of the launch process.

**Q31.** Which of the following should be the FOURTH sentence after rearrangement?

- (a) A
- (b) C
- (c) D
- (d) E
- (e) B

**Ans.(d)**

**Sol. Correct Sequence:**

**C - B - A - E - D**

**Explanation:**

1. **C** introduces the topic by describing the beginning of the space launch with the ignition of rocket engines and liftoff.
2. **B** follows logically, explaining that after liftoff, the rocket goes through various stages of propulsion designed for efficiency.
3. **A** highlights the importance of this phase in overcoming Earth's gravity, which is the primary goal of the initial propulsion stages.
4. **E** then explains how the rocket sheds its spent stages as it ascends, optimizing the use of remaining fuel.
5. **D** concludes the sequence by describing the separation of the spacecraft from the rocket once it reaches space, marking the completion of the launch process.

**Q32.** Which of the following should be the LAST (SIXTH) sentence after rearrangement?

- (a) A
- (b) C
- (c) D
- (d) E
- (e) B

**Ans.(c)**

**Sol. Correct Sequence:**

**C - B - A - E - D**

**Explanation:**

1. **C** introduces the topic by describing the beginning of the space launch with the ignition of rocket engines and liftoff.
2. **B** follows logically, explaining that after liftoff, the rocket goes through various stages of propulsion designed for efficiency.
3. **A** highlights the importance of this phase in overcoming Earth's gravity, which is the primary goal of the initial propulsion stages.
4. **E** then explains how the rocket sheds its spent stages as it ascends, optimizing the use of remaining fuel.
5. **D** concludes the sequence by describing the separation of the spacecraft from the rocket once it reaches space, marking the completion of the launch process.

**Q33. In the question below, a grammatically correct and meaningful sentence is given which is divided into four parts, (A), (B), (C) and (D). Arrange the four parts to make a contextually and grammatically meaningful sentence.**

- (A) his objectivity in reporting on  
(B) it was hard for Harry to retain  
(C) the election because he admitted to personally  
(D) detesting one of the candidates
- (a) ABDC  
(b) BDCA  
(c) BACD  
(d) CDAB  
(e) No rearrangement required

**Ans.(c)**

**Sol.** The correct answer is **option (c) BACD**, and here's the detailed explanation:

**Sentence Analysis:**

We need to rearrange the parts to form a **grammatically correct** and **contextually meaningful** sentence.

**Step 1: Identify the logical start**

- Part **(B)**: "It was hard for Harry to retain" is the most logical start because it introduces the main subject and sets the context of the difficulty faced by Harry.

**Step 2: Identify what Harry struggled to retain**

- Part **(A)**: "his objectivity in reporting on" naturally follows part (B), specifying what Harry struggled to retain. The sentence so far reads:  
• **"It was hard for Harry to retain his objectivity in reporting on"**

**Step 3: Specify the subject of the reporting**

- Part **(C)**: "the election because he admitted to personally" logically follows part (A), specifying the context of the reporting and introducing the reason for Harry's struggle. The sentence now reads:  
• **"It was hard for Harry to retain his objectivity in reporting on the election because he admitted to personally"**

**Step 4: Conclude the sentence with the final explanation**

- Part (D): "detesting one of the candidates" completes the sentence by explaining Harry's personal feelings that interfered with his objectivity. The final sentence reads:
- "It was hard for Harry to retain his objectivity in reporting on the election because he admitted to personally detesting one of the candidates."

**Q34. In the question below, two words are omitted, which are replaced by blanks. Choose the best combination of the words that can fit into the given blank in the same order so to make a grammatically and logically correct statement.**

**He is seeking advice on how to \_\_\_\_\_ the \_\_\_\_\_ economy.**

- (a) advantage, plagued
- (b) reimburse, thriving
- (c) revive, stagnant
- (d) revolve, pungent
- (e) gross, flourished

**Ans.(c)**

**Sol. Correct Answer: C — revive, stagnant**

**Completed Sentence**

"He is seeking advice on how to **revive** the **stagnant** economy."

**Explanation**

The sentence talks about **improving or fixing an economy that is not growing**. The correct pair should indicate **bringing improvement** to an **inactive or slow economy**.

- **Revive** = to restore something to activity or growth
- **Hindi:** पुनर्जीवित करना / फिर से सक्रिय करना
- **Stagnant** = not growing or developing
- **Hindi:** ठहरा हुआ / गतिहीन

Thus, **revive the stagnant economy** is a common and logical expression.

**Option-wise Analysis (with Hindi meanings)**

**A. advantage, plagued**

- **Advantage** = benefit
- **Hindi:** लाभ
- **Plagued** = troubled by something
- **Hindi:** परेशान किया हुआ
- Does not form a correct phrase.

**B. reimburse, thriving**

- **Reimburse** = repay money
- **Hindi:** प्रतिपूर्ति करना
- **Thriving** = flourishing or growing well
- **Hindi:** फलता-फूलता
- Incorrect because a thriving economy does not need revival.

**C. revive, stagnant**

- **Revive** = bring back to life or growth

- **Hindi:** पुनर्जीवित करना
  - **Stagnant** = not progressing
  - **Hindi:** ठहरा हुआ
  - Correct.
- D. revolve, pungent**
- **Revolve** = move in a circle
  - **Hindi:** घूमना
  - **Pungent** = having a strong smell or taste
  - **Hindi:** तीखा / तेज गंध वाला
  - Contextually incorrect.
- E. gross, flourished**
- **Gross** = total amount
  - **Hindi:** कुल / सकल
  - **Flourished** = prospered or grew successfully
  - **Hindi:** फलना-फूलना
  - Does not fit the sentence.

Therefore, **Option C** is the correct answer.

**Q35. Read the sentence to find out whether there is any grammatical or idiomatic error in it. The error, if any, will be in one part of the sentence. The corresponding letter of that part is the answer. If the given sentence is correct as it is, then choose option 'No error' as the answer response. (Ignore errors of punctuation, if any).**

**A drone hovered silently (A)/ above the convoy, capturing (B)/ every movement of the vehicles (C)/ as if it was a part of the mission (D).**

- (a) A
- (b) B
- (c) C
- (d) D
- (e) No error

**Ans.(d)**

**Sol.** Let's analyze the sentence part by part:

**Sentence:**

A drone hovered silently (A)/ above the convoy, capturing (B)/ every movement of the vehicles (C)/ as if it was a part of the mission (D).

**Part (A):**

"A drone hovered silently"

This is grammatically correct. The subject "A drone" is followed by the verb "hovered" (simple past tense) and the adverb "silently."

No error here.

**Part (B):**

"above the convoy, capturing"

This is a correct prepositional phrase ("above the convoy") followed by a participial phrase ("capturing

every movement...") that modifies "drone."

No grammatical or idiomatic error.

No error here.

**Part (C):**

"every movement of the vehicles"

This is a grammatically correct noun phrase. "Every movement" is singular and agrees properly with the singular verb implied in the participial clause.

No error here.

**Part (D):**

"as if it was a part of the mission"

This part **contains the error**.

Explanation:

The clause "**as if it was...**" is expressing a hypothetical or **unreal situation**, not a factual one. In such cases, we must use the **subjunctive mood**.

In the subjunctive mood, "**was**" should be replaced with "**were**" after "as if," even with singular subjects like "it."

Correct usage:

**"as if it were a part of the mission"**

This rule applies to hypothetical or imaginary comparisons.

**Correct Answer: (d) D**

**Corrected Sentence:**

A drone hovered silently above the convoy, capturing every movement of the vehicles as if it **were** a part of the mission.

**Q36. In the following question, a sentence is provided with two blanks. The question includes five answer choices, each containing a pair of words to fill the blanks in the given order. Select the most appropriate option that fits both blanks grammatically and contextually.**

The congested city streets were a \_\_\_\_\_ of honking horns and \_\_\_\_\_ drivers.

- (a) melody, calm
- (b) silence, indifferent
- (c) harmony, courteous
- (d) symphony, disciplined
- (e) cacophony, impatient

**Ans.(e)**

**Sol. Correct Answer: E — cacophony, impatient**

Sentence:

The congested city streets were a **cacophony** of honking horns and **impatient** drivers.

**Option-wise Meanings (English + Hindi), Example, and Explanation**

**Option A — melody, calm**

**melody**

English Meaning: A pleasant sequence of musical notes

Hindi Meaning: मधुर धुन

Example: The melody of the song was soothing.

Why Incorrect:

Honking horns create unpleasant noise, not a melody.

**calm**

English Meaning: Peaceful or not angry

Hindi Meaning: शांत

Example: She remained calm during the crisis.

Why Incorrect:

Drivers in congested streets are usually not calm.

**Option B — silence, indifferent**

**silence**

English Meaning: Complete absence of sound

Hindi Meaning: सन्नत

Example: There was silence in the room.

Why Incorrect:

Congested streets with honking horns cannot be silent.

**indifferent**

English Meaning: Not caring

Hindi Meaning: उदासीन

Example: He was indifferent to criticism.

Why Incorrect:

Does not strongly match the noisy and chaotic situation.

**Option C — harmony, courteous**

**harmony**

English Meaning: Pleasant combination of sounds

Hindi Meaning: सामंजस्य

Example: The singers performed in harmony.

Why Incorrect:

Honking horns suggest chaos, not harmony.

**courteous**

English Meaning: Polite

Hindi Meaning: विनम्र

Example: The driver was courteous to pedestrians.

Why Incorrect:

Congested streets are typically associated with impatience, not courtesy.

**Option D — symphony, disciplined**

**symphony**

English Meaning: A long musical composition

Hindi Meaning: सिम्फनी (संगीत रचना)

Example: The orchestra played a symphony.

Why Incorrect:

Though metaphorical, “symphony” suggests organized music, not chaotic noise.

**disciplined**

English Meaning: Showing controlled behavior

Hindi Meaning: अनुशासित

Example: The students were disciplined.

Why Incorrect:

Drivers in congestion are rarely disciplined.

**Option E — cacophony, impatient****cacophony**

English Meaning: A harsh mixture of unpleasant sounds

Hindi Meaning: कर्कश ध्वनि, शोरगुल

Example: The market was filled with a cacophony of voices.

Why Correct:

Honking horns create loud, unpleasant noise.

**impatient**

English Meaning: Easily annoyed or unable to wait

Hindi Meaning: अधीर

Example: The impatient customer demanded quick service.

Why Correct:

Congested streets often have impatient drivers.

**Final Answer:**

**E — cacophony, impatient**

**Q37. In the following questions, two columns are given containing three sentences/phrases each. In the first column, sentences/phrases are A, B and C and in the second column, the sentences/phrases are D, E and F. A sentence/phrase from the first column may or may not connect with another sentence/phrase from the second column. Each question has five options, four of which display the sequence(s) in which the sentences/phrases can be joined to form a grammatically and contextually correct sentence. Choose the appropriate option. If none of the given options forms a correct sentence after combination, mark "None of these" as your answer.**

**COLUMN I**

- (i) In recognition of the key importance of civil society organisations
- (ii) The logic of conservation laws is such that the observation of
- (iii) Marine conservation zones have shown effectiveness in

**COLUMN II**

- (iv) which will advise the government on environmental issues.
- (v) how conservation will be affected by the lack of tourism.
- (vi) some reactions entails the possibility of other unobserved ones.

- (a) Only (ii)-(vi)
- (b) Only (i)-(v)
- (c) (iii)-(iv) and (ii)-(v)
- (d) (iii)-(v) and (i)-(vi)
- (e) None of these

**Ans.(a)**

**Sol.** The correct combination to form a contextually complete sentence is:

"The logic of conservation laws is such that the observation of some reactions entails the possibility of other unobserved ones."

**ANALYSIS**

Option (i) does not have a suitable continuation in Column II and is not directly related to the discussion of conservation laws.

Option (ii) in Column I introduces the concept of conservation laws, and option (vi) in Column II logically extends the idea by explaining the implication of observing certain reactions.

Option (iii) does not connect well with the phrases in Column II and does not contribute to forming a coherent sentence.

Option (iv) does not have a suitable partner phrase in Column I.

Option (v) also does not fit the context of conservation laws and their logic.

**Q38. Read the sentence to find out whether there is any grammatical or idiomatic error in it.**

**The error, if any, will be in one part of the sentence. The corresponding letter of that part is the answer. If the given sentence is correct as it is, then choose option 'No error' as the answer response. (Ignore errors of punctuation, if any).**

**Every players on the court was (A)/ instructed to (B)/ return to the locker room (C)/ after the sudden power outage (D).**

(a) A

(b) B

(c) C

(d) D

(e) No error

**Ans.(a)**

**Sol. Sentence:**

Every players on the court was (A)/ instructed to (B)/ return to the locker room (C)/ after the sudden power outage (D).

**Part (A):**

"Every players on the court were"

This part contains the **error**. The determiner "**every**" must be followed by a **singular noun**.

Correct usage: "**Every player**", not "**Every players**".

So, the error is in Part A.

**Part (B):**

"instructed to"

This phrase is grammatically correct. "Instructed to" + base verb ("return") is the proper construction.

No error here.

**Part (C):**

"return to the locker room"

This is a correct infinitive phrase. The verb "return" is in the base form, and the prepositional phrase "to the locker room" is appropriate.

No error here.

**Part (D):**

"after the sudden power outage"

This is a correct prepositional phrase providing the reason or timing of the earlier action.

No error here.

**Correct Answer: (a) A**

**Corrected Sentence:**

Every **player** on the court was instructed to return to the locker room after the sudden power outage.

**Q39. In the question below, a grammatically correct and meaningful sentence is given which is divided into four parts, (A), (B), (C) and (D). Arrange the four parts to make a contextually and grammatically meaningful sentence.**

(A) they can meet to chat or have lunch after class

(B) the design for the new building

(C) encourages a natural migration of the

(D) students towards certain common areas where

(a) BDCA

(b) BCDA

(c) CBDA

(d) ADCB

(e) No rearrangement required

**Ans.(b)**

**Sol.** The correct answer is **option (b) BCDA**, and here's the detailed explanation:

**Sentence Analysis:**

We need to rearrange the parts to form a **grammatically correct** and **contextually meaningful** sentence.

**Step 1: Identify the logical start**

• Part **(B)**: "the design for the new building" is the most logical start as it introduces the subject of the sentence, the "design."

**Step 2: Find the continuation**

• Part **(C)**: "encourages a natural migration of the" logically follows part (B) because it explains what the design does. The phrase now reads:

• **"The design for the new building encourages a natural migration of the"**

**Step 3: Add more context to complete the migration idea**

• Part **(D)**: "students towards certain common areas where" fits next, specifying who is migrating and to where. The sentence now reads:

• **"The design for the new building encourages a natural migration of the students towards certain common areas where"**

**Step 4: Conclude with the remaining part**

• Part **(A)**: "they can meet to chat or have lunch after class" concludes the sentence by explaining what happens in these common areas. The final sentence reads:

• **"The design for the new building encourages a natural migration of the students towards certain common areas where they can meet to chat or have lunch after class."**

**Q40. In the question below, two words are omitted, which are replaced by blanks. Choose the best combination of the words that can fit into the given blank in the same order so to make a grammatically and logically correct statement.**

**The peace \_\_\_\_\_ effectively \_\_\_\_\_ the country's independence.**

- (a) settlement, acknowledged
- (b) advisory, dismissed
- (c) memorandum, terminate
- (d) terminology, subdue
- (e) parameter, hinder

**Ans.(a)**

**Sol. Correct Answer: A — settlement, acknowledged**

Sentence:

The peace **settlement** effectively **acknowledged** the country's independence.

**Option-wise Meanings (English + Hindi), Example, and Explanation**

**Option A — settlement, acknowledged**

**settlement**

English Meaning: An official agreement intended to resolve a dispute

Hindi Meaning: समझौता, समाधान

Example: The two nations signed a peace settlement.

Why Correct:

A peace settlement is a common and meaningful phrase.

**acknowledged**

English Meaning: Recognized or accepted formally

Hindi Meaning: स्वीकार किया, मान्यता दी

Example: The government acknowledged the new state.

Why Correct:

A peace settlement can formally recognize independence.

**Option B — advisory, dismissed**

**advisory**

English Meaning: Giving advice; warning

Hindi Meaning: परामर्श संबंधी

Example: The weather department issued an advisory.

Why Incorrect:

“Peace advisory” is unusual in this context.

**dismissed**

English Meaning: Rejected or ignored

Hindi Meaning: खारिज किया

Example: The court dismissed the appeal.

Why Incorrect:

A peace agreement does not “dismiss independence.”

**Option C — memorandum, terminate**

---

**memorandum**

English Meaning: A written message or agreement

Hindi Meaning: ज्ञापन

Example: The countries signed a memorandum of understanding.

Why Incorrect:

Though “memorandum” is possible, “terminate independence” is illogical.

**terminate**

English Meaning: End or bring to a close

Hindi Meaning: समाप्त करना

Example: The company terminated the contract.

Why Incorrect:

Independence is not “terminated” in a peace context.

**Option D — terminology, subdue**

**terminology**

English Meaning: Technical terms used in a subject

Hindi Meaning: पारिभाषिक शब्दावली

Example: Medical terminology is complex.

Why Incorrect:

“Peace terminology” is illogical here.

**subdue**

English Meaning: Defeat or control

Hindi Meaning: वश में करना

Example: The army subdued the rebels.

Why Incorrect:

A peace process does not subdue independence.

**Option E — parameter, hinder**

**parameter**

English Meaning: A limit or boundary

Hindi Meaning: मानदंड

Example: The experiment had strict parameters.

Why Incorrect:

“Peace parameter” is awkward in this context.

**hinder**

English Meaning: Obstruct or delay

Hindi Meaning: बाधा डालना

Example: Heavy rain hindered the project.

Why Incorrect:

A peace agreement does not hinder independence.

**Final Answer:**

**A — settlement, acknowledged**

**Q41. In the following questions, two columns are given containing three sentences/phrases each. In the first column, sentences/phrases are A, B and C and in the second column, the sentences/phrases are D, E and F. A sentence/phrase from the first column may or may not connect with another sentence/phrase from the second column. Each question has five options, four of which display the sequence(s) in which the sentences/phrases can be joined to form a grammatically and contextually correct sentence. Choose the appropriate option. If none of the given options forms a correct sentence after combination, mark "None of these" as your answer.**

**COLUMN I**

- (i) Digital technology and entertainment is a significant driver of electricity
- (ii) Several assessments have found that renewable energy backed by storage
- (iii) Rising electricity prices have focused attention on energy, and companies

**COLUMN II**

- (iv) clean electricity and supporting large and small energy storage.
- (v) used globally, resulting in increased greenhouse gas emissions.
- (vi) is likely now the cheapest option for new electricity generation.

- (a) Only (i)-(vi)
- (b) Only (ii)-(v)
- (c) (iii)-(vi) and (ii)-(v)
- (d) (i)-(v) and (ii)-(vi)
- (e) None of these

**Ans.(d)**

**Sol.** The correct combinations to form contextually complete sentences are:

"Digital technology and entertainment is a significant driver of electricity used globally, resulting in increased greenhouse gas emissions."

"Several assessments have found that renewable energy backed by storage is likely now the cheapest option for new electricity generation."

**ANALYSIS**

Option (i) in Column I introduces the role of digital technology and entertainment in electricity consumption, which is further expanded by option (v) in Column II.

Option (ii) in Column I sets up the idea of assessments related to renewable energy, and option (vi) in Column II provides a logical continuation by discussing the current cost-effectiveness of renewable energy.

Option (iii) does not directly connect with the phrases in Column II and does not contribute to a coherent sentence.

Option (iv) fits the context of clean electricity and energy storage, but it does not directly relate to the assessment of renewable energy or digital technology.

Option (v) is appropriately paired with option (i) to discuss the impact of digital technology on electricity consumption.

Option (vi) is appropriately paired with option (ii) to discuss the cost-effectiveness of renewable energy.

**Directions (42-48): Read the following passage and answer the following questions. Some words are highlighted to help you answer some of the questions.**

The Panchayati Raj, first adopted by Nagaur in Rajasthan on October 2, 1959, has expanded vastly. There are now 2,60,512 Panchayati Raj Institutions (PRIs) represented by about 31 lakh elected members across India. This system of local self-governance, where people in the villages participate in the decision-making process, is the backbone of democracy. The People's Plan Campaign and Vibrant Gram Sabha Dashboard, rolled out this year, aspire to strengthen the Panchayati Raj system by making gram sabhas more vibrant. Unlike other disasters like earthquakes, COVID-19 is an unusual crisis as it is long-drawn and affects people everywhere. When the traditional top-down disaster response system was compromised during the bad months of the pandemic, it was PRIs that played a remarkable role. They helped reduce risks, responded swiftly and thus helped people recover quickly. The PRIs provided essential leadership at the local level. They performed both regulatory and welfare functions. For instance, during the nationwide lockdown, PRIs set up containment zones, arranged transport, identified buildings for quarantining people and provisioned food for the incoming migrants. Moreover, effective implementation of welfare schemes like MGNREGA and the National Rural Livelihood Mission quickened the pace of recovery while ensuring support to the vulnerable population.

Gram sabhas act as a sounding board for diverse ideas and opinions. They provide a platform to build consensus and make resolutions in the community's interest. During the pandemic, gram sabhas resolved to adhere to COVID-19 norms. In addition, regular engagement with frontline workers like ASHA workers and Anganwadi workers through committees bridged the trust gap between the community and the officials. By representing diverse communities, PRIs mobilize them effectively. During the COVID-19 crisis, they organized community-based surveillance systems involving village elders, the youth and self-help groups (SHGs) to keep a strict vigil in quarantine centers and monitor symptoms in households. More recently, their role in mobilizing citizens for COVID-19 vaccination is exemplary. The Yokohama strategy during the International Decade for Natural Disaster Reduction in May 1994 emphasized that it is important to focus on disaster prevention, mitigation and preparedness rather than disaster response alone, to reduce vulnerability. In this respect, certain initiatives can be taken to build the capacity of PRIs.

One, it is crucial to include disaster management chapters in Panchayat Raj Acts and make disaster planning and spending part of Panchayati Raj development plans and local-level committees. This will ensure citizen-centric mapping and planning of resources. Various insurance products customized to local needs will build the financial **resilience** of the community. Two, conducting regular location-specific training programs for the community and organizing platforms for sharing best practices will strengthen individual and institutional capacities. Assigning roles to individual members and providing them with the necessary skills can make such programs more meaningful. Three, since the community is usually the first responder in case of a disaster, community-based disaster management plans would help. These would provide a strategy for resource utilization and maintenance during a disaster. Moreover, financial contributions from the community should be encouraged through the establishment of community disaster funds in all gram panchayats. It is imperative to make disaster resilience an inherent part of the community culture now more than ever.

**Q42. What role did Panchayati Raj Institutions (PRIs) play during the pandemic?**

- (a) They aided in mitigating risk, quick response, and helping patients in recovering.
- (b) At the local level, the PRIs provided critical leadership.
- (c) They were in charge of both regulatory and community well-being functions.
- (d) They established containment zones and prepared food for the incoming migrants.
- (e) All of these

**Ans.(e)**

**Sol.** All of the given statements are correct with reference to the context of the question. Hence, option (e) is the right answer choice. Refer to the concluding sentences of the first paragraph, "They helped reduce risks, responded swiftly and thus helped people recover quickly. The PRIs provided essential leadership at the local level. They performed both regulatory and welfare functions. For instance, during the nationwide lockdown, PRIs set up containment zones, arranged transport, identified buildings for quarantining people and provisioned food for the incoming migrants."

**Q43. Which of the following statements about the Panchayati Raj System is/are correct?**

- (i) The Panchayati Raj has risen exponentially since its inception in 1959.
  - (ii) The Panchayati Raj System is a form of local self-government.
  - (iii) Leaders initiate the decision-making process in the Panchayati Raj System.
- (a) Only (i) and (iii)
  - (b) Only (ii)
  - (c) Only (i) and (ii)
  - (d) All of these
  - (e) Only (i)

**Ans.(c)**

**Sol.** Among the given options, only (i) and (ii) are correct with reference to the information provided in the given passage about the Panchayati Raj System. While statement (iii) is incorrect as people themselves initiate the decision-making process in the Panchayati Raj System. Hence, option (c) is the right answer choice. Refer to the starting lines of the first paragraph, "The Panchayati Raj, first adopted by Nagaur in Rajasthan on October 2, 1959, has expanded vastly. There are now 2,60,512 Panchayati Raj Institutions (PRIs) represented by about 31 lakh elected members across India. This system of local self-governance, where people in the villages participate in the decision-making process, is the backbone of democracy."

**Q44. How do Panchayati Raj Institutions (PRIs) seek to empower diverse communities?**

- (a) By representing as a source of support for differing ideas and points of view.
- (b) By representing diverse communities and bridging the trust gap of them with officials.
- (c) By providing a forum for reaching consensus and making decisions in the best interests of the community.
- (d) All of these
- (e) Only (a) and (c)

**Ans.(d)**

**Sol.** All of the given statements are correct with reference to the context of the question. Hence, option

(d) is the right answer choice.

Refer to the starting lines of the second paragraph, “Gram sabhas act as a sounding board for diverse ideas and opinions. They provide a platform to build consensus and make resolutions in the community’s interest. During the pandemic, gram sabhas resolved to adhere to COVID-19 norms. In addition, regular engagement with frontline workers like ASHA workers and Anganwadi workers through committees bridged the trust gap between the community and the officials. By representing diverse communities, PRIs mobilize them effectively.”

**Q45. Why is it vital to include disaster management chapters in the Panchayati Raj Act as per the information provided in the given passage?**

- (a) To tailor various insurance products to local needs in order to shore up the public's financial trends.
- (b) To ensure citizen-centric mapping and to undertake community-wide training programs on a routine basis.
- (c) To assign roles to individuals and providing them with the necessary expertise.
- (d) Only (a) and (b)
- (e) Only (b) and (c)

**Ans.(e)**

**Sol.** Among the given options, only (b) and (c) are correct. While statement (a) is not contextual in meaning with respect to the context of the question. Hence, option (e) is the right answer choice. Refer to the starting lines of the third paragraph, “One, it is crucial to include disaster management chapters in Panchayat Raj Acts and make disaster planning and spending part of Panchayati Raj development plans and local-level committees. This will ensure citizen-centric mapping and planning of resources. Various insurance products customized to local needs will build the financial resilience of the community. Two, conducting regular location-specific training programs for the community and organizing platforms for sharing best practices will strengthen individual and institutional capacities.”

**Q46. Which of the following was/were the result(s) of the Yokohama strategy during the International Decade for Natural Disaster Reduction?**

- (a) It stressed the importance of disaster prevention and mitigation.
- (b) It highlighted the importance of readiness over disaster response alone.
- (c) To reduce vulnerability, it emphasized only quick decisions in disaster response.
- (d) Only (a) and (b)
- (e) Only (a) and (c)

**Ans.(d)**

**Sol.** Among the given options, only (a) and (b) are correct. Hence, option (d) is the right answer choice. Refer to the concluding lines of the second paragraph, “The Yokohama strategy during the International Decade for Natural Disaster Reduction in May 1994 emphasized that it is important to focus on disaster prevention, mitigation and preparedness rather than disaster response alone, to reduce vulnerability. In this respect, certain initiatives can be taken to build the capacity of PRIs.”

**Q47. Why is the Panchayati Raj System referred to as the "backbone of democracy"?**

- (a) Because it was first adopted in Nagaur, Rajasthan.
- (b) Because Panchayati Raj represents approximately 31 lakh elected members throughout India.
- (c) Because people in the villages are involved in decision-making.
- (d) Because Panchayati Raj Institutions (PRIs) aid in risk reduction and rapid response.
- (e) None of these

**Ans.(c)**

**Sol.** The Panchayati Raj System is referred to as the "backbone of democracy" because it facilitates direct participation of people in the villages in the decision-making process. This involvement is essential for a functioning democracy as it ensures that the decisions reflect the needs and opinions of the local population, promoting self-governance and accountability at the grassroots level. Therefore, the correct answer is:

**(c) Because people in the villages are involved in decision-making.**

**Q48. Which of the following is/are the synonym(s) of the word 'RESILIENCE', as highlighted in the given passage?**

- (a) Strength
- (b) Toughness
- (c) Hardiness
- (d) Only (a) and (b)
- (e) All of these

**Ans.(e)**

**Sol.** All of the given words are synonyms of the word 'resilience' meaning 'the capacity to recover quickly from difficulties; toughness'. Hence, option (e) is the right answer choice. (a) Strength- a good quality or ability that somebody/something has

(b) Toughness- the ability to endure difficult conditions.

(c) Hardiness- the ability to deal with hardship or to cope in difficult situations.

**Q49. Read the sentence to find out whether there is any grammatical or idiomatic error in it.**

**The error, if any, will be in one part of the sentence. The corresponding letter of that part is the answer. If the given sentence is correct as it is, then choose option 'No error' as the answer response. (Ignore errors of punctuation, if any).**

**Either the emergency evacuation protocols (A)/ or the fire alarm systems (B)/ has failed during the drill (C)/ conducted at the airport terminal (D).**

- (a) A
- (b) B
- (c) C
- (d) D
- (e) No error

**Ans.(c)**

**Sol.** Let's analyze the sentence step by step.

**Sentence:**

**“Either the emergency evacuation protocols (A)/ or the fire alarm systems (B)/ has failed during the drill (C)/ conducted at the airport terminal (D).”**

**Part (A): “Either the emergency evacuation protocols”**

- Correct phrase.
- Subject choice 1: *protocols* (plural).

**Part (B): “or the fire alarm systems”**

- Correct phrase.
- Subject choice 2: *systems* (plural).

**Part (C): “has failed during the drill”**

- **Error is here.**
- Rule: In sentences with “**either...or**”, the verb must agree with the **nearest subject** (the one closest to the verb).
- Here, “systems” is plural → verb must be plural → “**have failed**” not “has failed.”
- Example: *Either the teacher or the students have submitted the project.*

**Part (D): “conducted at the airport terminal”**

- Correct past participle phrase modifying “drill.”
- Example: *The test conducted yesterday was difficult.*

**Corrected Sentence:**

**“Either the emergency evacuation protocols or the fire alarm systems have failed during the drill conducted at the airport terminal.”**

**Final Answer: (c) C**

**Q50. In the question below, a grammatically correct and meaningful sentence is given which is divided into four parts, (A), (B), (C) and (D). Arrange the four parts to make a contextually and grammatically meaningful sentence.**

- (A) smoking is becoming increasingly
- (B) prevalent among young women in
- (C) the Asian countries, due to an aggressive
- (D) advertising campaign by tobacco companies

- (a) DCAB
- (b) BCAD
- (c) CDAB
- (d) ACDB
- (e) No rearrangement required

**Ans.(e)**

**Sol.** The correct answer is **(e) No rearrangement required**, meaning the given sentence is already grammatically correct and contextually meaningful without any reordering.

**Given Sentence:**

**"Smoking is becoming increasingly prevalent among young women in the Asian countries, due to an aggressive advertising campaign by tobacco companies."**

**Explanation:**

### 1. Grammatical Structure:

- **Subject:** "Smoking"
- **Verb Phrase:** "is becoming increasingly prevalent"
- **Object/Additional Information:** "among young women in the Asian countries"
- **Cause/Reason Clause:** "due to an aggressive advertising campaign by tobacco companies"

The sentence follows a logical and grammatically correct sequence: **Subject** → **Verb** → **Object** → **Reason**.

### 2. Flow of Information:

- **(A):** "Smoking is becoming increasingly" introduces the subject and action.
- **(B):** "prevalent among young women in" specifies who is affected.
- **(C):** "the Asian countries" provides the geographical context.
- **(D):** "due to an aggressive advertising campaign by tobacco companies" gives the reason.

The sentence flows logically and does not require any reordering to improve clarity or coherence.

### 3. Meaning:

- The sentence clearly conveys that smoking is becoming more common among young women in Asian countries due to targeted advertising by tobacco companies. The intended meaning is already achieved without rearrangement.

### Conclusion:

Since the sentence is already clear, grammatically correct, and logically structured, **no rearrangement is required**, making **option (e)** the correct answer.

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**Q51.** What is the ratio of the valid voters in Q to invalid voters of city R.

The table given below shows the total voters and ratio of valid voters to invalid voters in four cities. Some values are missing in the table.

Cities	Total voters	Valid voters : invalid voters
P	1500	
Q		1:1
R	1660	1:3
S	2000	5:3

Note – (i) Total voters = Valid voters + invalid voters

(ii) Total valid voters in cities P, R and S are 2500.

(iii) The difference between valid and invalid voters in P is equal to invalid voters in Q.

- (a) 34 : 249
- (b) 249 : 34
- (c) 112 : 125
- (d) 15 : 13
- (e) 13 : 12

**Ans.(a)**

**Sol.** In city R,

Valid voters in R =  $1660 \times \frac{1}{4} = 415$

Invalid voters in R =  $1660 - 415 = 1245$

In city S,

Valid voters in S =  $2000 \times \frac{5}{8} = 1250$

Invalid voters in S =  $2000 - 1250 = 750$

Valid voters in P =  $2500 - 415 - 1250 = 835$

Invalid voters in P =  $1500 - 835 = 665$

Invalid voters in Q =  $835 - 665 = 170$

Valid voters in Q = 170

Required ratio =  $170 : 1245 = 34 : 249$

**Q52.** If total voters in city Q are 100% more than the total voters in city X, then find the difference between valid voters of city Q and total voters of city X.

The table given below shows the total voters and ratio of valid voters to invalid voters in four cities. Some values are missing in the table.

Cities	Total voters	Valid voters : invalid voters
P	1500	
Q		1:1
R	1660	1:3
S	2000	5:3

Note – (i) Total voters = Valid voters + invalid voters

(ii) Total valid voters in cities P, R and S are 2500.

(iii) The difference between valid and invalid voters in P is equal to invalid voters in Q.

- (a) 0
- (b) 40
- (c) 45
- (d) 20
- (e) 50

**Ans.(a)**

**Sol.** In city R,

Valid voters in R =  $1660 \times \frac{1}{4} = 415$

Invalid voters in R =  $1660 - 415 = 1245$

In city S,

Valid voters in S =  $2000 \times \frac{5}{8} = 1250$

Invalid voters in S =  $2000 - 1250 = 750$

Valid voters in P =  $2500 - 415 - 1250 = 835$

Invalid voters in P =  $1500 - 835 = 665$

Invalid voters in Q =  $835 - 665 = 170$

Valid voters in Q = 170

Total voters in X =  $340 / 2 = 170$

Required answer =  $170 - 170 = 0$

**Q53.** Find the invalid voters in city R are what percent of the total voters in city S and city P together. The table given below shows the total voters and ratio of valid voters to invalid voters in four cities. Some values are missing in the table.

Cities	Total voters	Valid voters : invalid voters
<b>P</b>	1500	
<b>Q</b>		1:1
<b>R</b>	1660	1:3
<b>S</b>	2000	5:3

Note - (i) Total voters = Valid voters + invalid voters

(ii) Total valid voters in cities P, R and S are 2500.

(iii) The difference between valid and invalid voters in P is equal to invalid voters in Q.

- (a) 45%
- (b) 20%
- (c) 10%
- (d) 36%
- (e) 50%

**Ans.(d)**

**Sol.** In city R,

$$\text{Valid voters in R} = 1660 \times \frac{1}{4} = 415$$

$$\text{Invalid voters in R} = 1660 - 415 = 1245$$

In city S,

$$\text{Valid voters in S} = 2000 \times \frac{5}{8} = 1250$$

$$\text{Invalid voters in S} = 2000 - 1250 = 750$$

$$\text{Valid voters in P} = 2500 - 415 - 1250 = 835$$

$$\text{Invalid voters in P} = 1500 - 835 = 665$$

$$\text{Invalid voters in Q} = 835 - 665 = 170$$

$$\text{Valid voters in Q} = 170$$

$$\text{Required answer} = \frac{1245}{(2000+1500)} \times 100 = 36\% \text{ approx}$$

**Q54.** If the valid voters in city T are 6000 and the ratio of the valid voters to invalid voters in city T is 5:3, then find the sum of total voters in city T and city R.

The table given below shows the total voters and ratio of valid voters to invalid voters in four cities. Some values are missing in the table.

Cities	Total voters	Valid voters : invalid voters
<b>P</b>	1500	
<b>Q</b>		1:1
<b>R</b>	1660	1:3
<b>S</b>	2000	5:3

Note - (i) Total voters = Valid voters + invalid voters

(ii) Total valid voters in cities P, R and S are 2500.

(iii) The difference between valid and invalid voters in P is equal to invalid voters in Q.

- (a) 13060  
 (b) 12060  
 (c) 15080  
 (d) 11260  
 (e) 17060

**Ans.(d)**

**Sol.** In city R,

$$\text{Valid voters in R} = 1660 \times \frac{1}{4} = 415$$

$$\text{Invalid voters in R} = 1660 - 415 = 1245$$

In city S,

$$\text{Valid voters in S} = 2000 \times \frac{5}{8} = 1250$$

$$\text{Invalid voters in S} = 2000 - 1250 = 750$$

$$\text{Valid voters in P} = 2500 - 415 - 1250 = 835$$

$$\text{Invalid voters in P} = 1500 - 835 = 665$$

$$\text{Invalid voters in Q} = 835 - 665 = 170$$

$$\text{Valid voters in Q} = 170$$

$$\text{Total voters in T} = 6000 \times \frac{8}{5} = 9600$$

$$\text{Required answer} = 9600 + 1660 = 11260$$

**Q55.** Total voters in city P are what percent more/less of the total voters in city Q?

The table given below shows the total voters and ratio of valid voters to invalid voters in four cities. Some values are missing in the table.

Cities	Total voters	Valid voters : invalid voters
P	1500	
Q		1:1
R	1660	1:3
S	2000	5:3

Note – (i) Total voters = Valid voters + invalid voters

(ii) Total valid voters in cities P, R and S are 2500.

(iii) The difference between valid and invalid voters in P is equal to invalid voters in Q.

- (a) 390%  
 (b) 330%  
 (c) 325%  
 (d) 220%  
 (e) 341%

**Ans.(e)**

**Sol.** In city R,

$$\text{Valid voters in R} = 1660 \times \frac{1}{4} = 415$$

$$\text{Invalid voters in R} = 1660 - 415 = 1245$$

In city S,

$$\text{Valid voters in S} = 2000 \times \frac{5}{8} = 1250$$

$$\text{Invalid voters in S} = 2000 - 1250 = 750$$

$$\text{Valid voters in P} = 2500 - 415 - 1250 = 835$$

Invalid voters in P =  $1500 - 835 = 665$

Invalid voters in Q =  $835 - 665 = 170$

Valid voters in Q = 170

Required answer =  $(1500-340)/340 \times 100 = 341\%$  approx.

**Q56.** The ratio of the base and perpendicular side of a right-angled triangle is 5:12, and its base is equal to the length of a rectangle. If the rectangle's length is 10 cm, find the perimeter of the right-angled triangle.

(a) 36 cm

(b) 60 cm

(c) 45 cm

(d) 48 cm

(e) 54 cm

**Ans.(b)**

**Sol.** Let the base and perpendicular of the right-angled triangle be  $5x$  cm and  $12x$  cm respectively

Given,  $5x = 10$

$x = 2$

The base and perpendicular of the right-angled triangle be 10 cm and 24 cm respectively Now,

Applying Pythagoras theorem

$(10)^2 + (24)^2 = (\text{hypotenuse})^2$

Hypotenuse = 26 cm

Required perimeter =  $26 + 10 + 24 = 60$  cm

**Q57.** P, Q, and R together can complete a work in 30 days. P takes four times as much time as Q and R together to do the same work. Find the number of days P alone will take to complete the entire work.

(a) 100 days

(b) 120 days

(c) 90 days

(d) 80 days

(e) 150 days

**Ans.(e)**

**Sol.** Information Given:

P, Q, and R together complete the work in 30 days  $\rightarrow$  Combined efficiency of P, Q, and R =  $1/30$  work/day.

P takes 4 times the time taken by Q and R together  $\rightarrow$  Efficiency of P =  $1/4 \times$  Efficiency of Q and R.

Formula Used:

Work = Efficiency  $\times$  Time.

Combined Efficiency = Efficiency of P + Efficiency of Q and R.

Time =  $1/\text{Efficiency}$

Explanation:

The ratio of time taken by P alone and Q&R together can complete the work = 4:1

The ratio of efficiency of P alone and Q&R together = 1:4

Required days =  $(30 \times (1+4))/1 = 150$  days

**Q58.** 180 m long Train A crosses Train B of 120 m in length which is running in opposite direction in  $5\frac{5}{11}$  sec. If speed of train B is 20% more than that of train A, then find the time taken by both trains to cross each other, when they running in same direction?

- (a) 60 sec
- (b) 58 sec
- (c) 55 sec
- (d) 50sec
- (e) 65 sec

**Ans.(a)**

**Sol.** Let speed of train A be  $5x$  km/hr

Then speed of train B =  $6x$  km/hr

ATQ

$$(6x + 5x) \times \frac{5}{18} = \frac{120+180}{\frac{60}{11}}$$

$$x = 18$$

$$\text{Required time} = \frac{120+180}{(108-90) \times \frac{5}{18}} = 60 \text{ sec}$$

**Q59.** A person invested some amount of money in scheme P for two years which offers 10% Compound interest per annum. He further invested the amount which he received from scheme P in scheme Q for 3 years, which offers 20% simple interest per annum. If he receives Rs.1936 from scheme Q, then find the amount invested in scheme P.

- (a) Rs.1200
- (b) Rs.900
- (c) Rs.1000
- (d) Rs.1250
- (e) None of these

**Ans.(c)**

**Sol.**

Let amount invested in scheme P be Rs.100x.

$$\text{Cumulative interest rate} = \left(10 + 10 + 10 \times \frac{10}{100}\right) \% = 21\%$$

$$\text{Amount received from scheme P} = \frac{100x \times 21}{100} + 100x = 121x$$

$$\text{Amount received from scheme Q} = 121x + \frac{121x \times 20 \times 3}{100} = 193.6x$$

ATQ

$$193.6x = 1936$$

$$x = 10$$

So, amount invested in scheme P =  $100x = \text{Rs. } 1000$

**Q60.** Find by what percentage R savings will increase?

Read the information carefully and answer the questions given below.

R saves 30% of his monthly income. His monthly income increases by 25% and expenditure is decreased by 20%.

- (a) 30%
- (b) 130%
- (c) 110%
- (d) 120%
- (e) 150%

**Ans.(b)**

**Sol.** Information Given:

Savings % = 30% of income

Expenditure % = 70% of income

Income increases by 25%

Expenditure decreases by 20%

Concept/Formula Used:

Savings = Income - Expenditure

$$\% \text{ Increase in Savings} = \frac{\text{New Savings} - \text{Old Savings}}{\text{Old Savings}} \times 100$$

Explanation:

Assume initial monthly income =  $100x$

Savings = 30% of  $100x = 30x$

Expenditure =  $100x - 30x = 70x$

New income =  $100x + 25\% \text{ of } 100x = 125x$

New expenditure =  $70x - 20\% \text{ of } 70x = 70x - 14x = 56x$

New savings = New income - New expenditure =  $125x - 56x = 69x$

Increase in savings =  $69x - 30x = 39x$

Required % Increase =  $39x/30x \times 100 = 130\%$

**Q61.** If original monthly income of R is Rs. 12000, then find new expenditure of R (in Rs.)?

Read the information carefully and answer the questions given below.

R saves 30% of his monthly income. His monthly income increases by 25% and expenditure is decreased by 20%.

- (a) 8400
- (b) 6760
- (c) 6260
- (d) 6960
- (e) 6720

**Ans.(e)**

**Sol.** Information Given:

Savings % = 30% of income

Expenditure % = 70% of income

Income increases by 25%

Expenditure decreases by 20%

Concept/Formula Used:

Savings = Income - Expenditure

$$\% \text{ Increase in Savings} = \frac{\text{New Savings} - \text{Old Savings}}{\text{Old Savings}} \times 100$$

Explanation:

Assume initial monthly income =  $100x$

Savings = 30% of  $100x = 30x$

Expenditure =  $100x - 30x = 70x$

New income =  $100x + 25\% \text{ of } 100x = 125x$

New expenditure =  $70x - 20\% \text{ of } 70x = 70x - 14x = 56x$

New savings = New income - New expenditure =  $125x - 56x = 69x$

Increase in savings =  $69x - 30x = 39x$

$100x = 12000$

$x = 120$

So, new expenditure of R =  $56 \times 120 = 6720$  Rs.

**Q62.** 8, 21, 70, 359, ?, 27777 Find the missing number in the following number series.

- (a) 2222
- (b) 2121
- (c) 2452
- (d) 2524
- (e) None of these

**Ans.(d)**

**Sol.** Pattern of the series -

$$8 \times 2 + 5 = 21$$

$$21 \times 3 + 7 = 70$$

$$70 \times 5 + 9 = 359$$

$$359 \times 7 + 11 = 2524$$

$$2524 \times 11 + 13 = 27777$$

**Q63.** 1620, 540, 216, 108, ?, 72 Find the missing number in the following number series.

- (a) 104
- (b) 96
- (c) 84
- (d) 75
- (e) 72

**Ans.(e)**

**Sol.** Pattern of the series -

$$1620 \div 540 = 3$$

$$540 \div 216 = 2.5$$

$$216 \div 108 = 2$$

$$108 \div 72 = 1.5$$

$$72 \div 72 = 1$$

**Q64.** 37, 39, 81, 247, ?, 4971 Find the missing number in the following number series.

(a) 993

(b) 952

(c) 921

(d) 860

(e) 829

**Ans.(a)**

**Sol.** Pattern of the series -

$$37 \times 1 + 2 = 39$$

$$39 \times 2 + 3 = 81$$

$$81 \times 3 + 4 = 247$$

$$247 \times 4 + 5 = 993$$

$$993 \times 5 + 6 = 4971$$

**Q65.** ?, 17, 26, 37, 50, 65 Find the missing number in the following number series.

(a) 17

(b) 12

(c) 10

(d) 14

(e) 13

**Ans.(c)**

**Sol.**

$$3^2 + 1 = 10$$

$$4^2 + 1 = 17$$

$$5^2 + 1 = 26$$

$$6^2 + 1 = 37$$

$$7^2 + 1 = 50$$

$$8^2 + 1 = 65$$

**Q66.** 10, 113, 220, 329, ?, 557 Find the missing number in the following number series.

(a) 326

(b) 412

(c) 426

(d) 336

(e) 442

**Ans.(e)**

**Sol.** Pattern of the series:

$$10 \quad 113 \quad 220 \quad 329 \quad ? = 442 \quad 557$$

$$+103, +107, +109, +113, +115$$

$$+4 \quad +2 \quad +4 \quad +2$$

**Q67.** Rachit and Varun started a business with a combined investment of Rs 18000. After six months, Rachit withdrew Rs 2000, and at the end of the year, the profit share of Rachit is Rs 2200 out of the total profit of Rs 3400. Find the initial investment of Rachit (in Rs).

- (a) 4500
- (b) 11000
- (c) 6000
- (d) 12000
- (e) None of these

**Ans.(d)**

**Sol.** Let the initial investment of Rachit and Varun be Rs  $X$  and Rs  $(18000 - X)$

The profit-sharing ratio of Rachit and Varun =  $X \times 6 + (X - 2000) \times 6 : (18000 - X) \times 12$

$$= 2X - 2000 : 36000 - 2X$$

ATQ,

$$\frac{2X - 2000}{36000 - 2X} = \frac{2200}{1200}$$

$$\frac{X - 1000}{18000 - X} = \frac{11}{6}$$

$$6X - 6000 = 198000 - 11X$$

$$204000 = 17X$$

$$12000 = X$$

**Q68.** The ratio of the present age of P to Q six years ago was 8:7. The present age of R is twice the present age of Q. If six years hence the ratio of the age of P to R is 11:23, then find the present age of R (in years).

- (a) 28
- (b) 32
- (c) 40
- (d) 35
- (e) 50

**Ans.(c)**

**Sol.**

Let the present age of P and Q be  $8x$  and  $7x + 6$  years respectively.

The present age of R =  $2(7x + 6) = 14x + 12$  years

ATQ,

$$\frac{8x + 6}{14x + 12 + 6} = \frac{11}{23}$$

$$184x + 138 = 154x + 198$$

$$30x = 60$$

$$x = 2$$

$$\text{Required age} = 14x + 12 = 14(2) + 12 = 40 \text{ years}$$

**Q69.** The average weight of  $x$  students is 62 kg. If two person whose weight are 82.5 and 78.5 left the group and a new person whose weight is 162 kg join the group, then the average becomes 65.5 kg. find  $x$ .

- (a) 18
- (b) 19
- (c) 20
- (d) 21
- (e) 22

**Ans.(b)**

**Sol.** Atq,

$$x \times 62 - 82.5 - 78.5 + 162 = 65.5(x-1)$$

$$62x - 161 + 162 = 65.5x - 65.5$$

$$1 + 65.5 = 65.5x - 62x$$

$$66.5 = 3.5x$$

$$19 = x$$

**Q70.** The ratio of downstream to upstream speed of a boat is 5:4, respectively. The boat can cover 81 km in still water in 3 hours, then find the total distance cover by the boat in downstream in 2 hours.

- (a) 45 km
- (b) 40 km
- (c) 60 km
- (d) 50 km
- (e) None of these

**Ans.(c)**

**Sol.** Let the speed of the boat in still water and the speed of the current be  $x$  and  $y$  respectively.

$$\frac{x+y}{x-y} = \frac{5}{4}$$

$$4x + 4y = 5x - 5y$$

$$9y = x$$

$$\frac{x}{y} = \frac{9}{1} = \frac{9a}{a}$$

Given,

$$\frac{81}{3} = 9a$$

$$3 = a$$

$$\text{Required distance} = 2 \times (9a + a)$$

$$2 \times (10 \times 3) = 60 \text{ km}$$

**Q71.** A mixture contains milk and water in the ratio 3:1. 14 liters of mixture is taken out and 14 liters of water is added thus the ratio of milk & water in the final mixture becomes 2:1. Find the initial quantity (in liters) of milk.

- (a) 42
- (b) 94.5
- (c) 31.5

(d) 45

(e) 39

**Ans.(b)**

**Sol.** Let initial quantity of milk & water be  $3x$  &  $1x$  liters respectively.

ATQ,

$$\frac{\left[3x - \frac{3}{4} \times 14\right]}{\left[x - \frac{1}{4} \times 14 + 14\right]} = \frac{2}{1}$$

$$3x - 10.5 = 2x - 21$$

$$x = 31.5$$

$$3x = 94.5$$

**Q72.** Two runners, P and Q, are on a circular track with a length of 4500 meters. P is running clockwise at a speed of 5 m/s, while Q is running counterclockwise at a speed of 7 m/s. Calculate the difference in the distance(in meters) covered by them when they meet for the tenth time.

(a) 6500

(b) 7500

(c) 5500

(d) 4500

(e) 3500

**Ans.(b)**

**Sol.** Time taken to meet for the first time =  $4500 \div (5 + 7) = 375$  seconds

Time taken to meet for 10th time =  $375 \times 10 = 3750$  seconds

Distance covered by 'P' in 3750 seconds =  $3750 \times 5 = 18750$  meters

Distance covered by 'Q' in 3750 seconds =  $3750 \times 7 = 26250$  meters

Required difference =  $26250 - 18750 = 7500$  meters

**Q73.** A product is marked up by 60% and the article is sold at 40% profit. If the cost price of the product is Rs. 560, then find the discount given on the article.

(a) Rs. 114

(b) Rs. 120

(c) Rs. 130

(d) Rs. 112

(e) Rs. 102

**Ans.(d)**

**Sol.** Marked price of the product =  $160\%$  of  $560 = \text{Rs. } 896$

Selling price of the product =  $140\%$  of  $560 = \text{Rs. } 784$

Required discount =  $896 - 784 = \text{Rs. } 112$

**Q74.** What approximate value should come in place of the question mark (?) in the following questions?

$$1239.99 \div 7.87 - 29.98 \times 34.97 + 8.97^2 = ?$$

- (a) -814
- (b) -832
- (c) -856
- (d) -878
- (e) -890

**Ans.(a)**

**Sol.**

$$1239.99 \div 7.87 - 29.78 \times 34.77 + 8.97^2 = ?$$

$$1240 \div 8 - 30 \times 35 + 9^2 = ?$$

$$155 - 1050 + 81 = ?$$

$$-814 = ?$$

**Q75.** What approximate value should come in place of the question mark (?) in the following questions?

$$111.01 + 41.23 + (4.96)^2 + (2.09)^2 = ?$$

- (a) 195
- (b) 162
- (c) 181
- (d) 170
- (e) 189

**Ans.(c)**

**Sol.**

$$111.01 + 41.23 + (4.96)^2 + (2.09)^2 = ?$$

$$111 + 41 + 5^2 + 2^2 = ?$$

$$? = 152 + 25 + 4 = 181$$

**Q76.** In this question below some statements are given followed by some conclusions. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions definitely follows from the given statements, disregarding commonly known facts. Give an answer.

**Statements:** All wood is trees

Only a few trees are furniture

Some furniture is not wooden

**Conclusions:** I. Some furniture is not wood

II. Some trees are not furniture

(a) Only conclusion I follows

(b) Only conclusion II follows

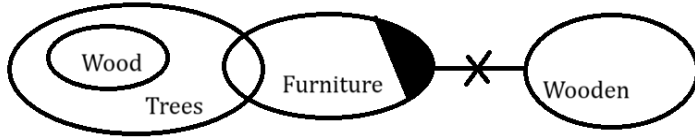
(c) Either conclusion I or II follows

- (d) Neither conclusion I nor II follows  
 (e) Both conclusions I and II follow

**Ans.(b)**

**Sol.** I doesn't follow: No direct relation between the given elements so it doesn't follow.

II follows: Some trees are definitely not furniture



**Q77. In the question below some statements are given followed by two conclusions numbered I and II. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements, disregarding commonly known facts.**

**Give answer-**

**Statements:** Only startup are profit.

Some startup are equality.

All equality are habitat.

**Conclusions:**

I. Some profit being equality is a possibility.

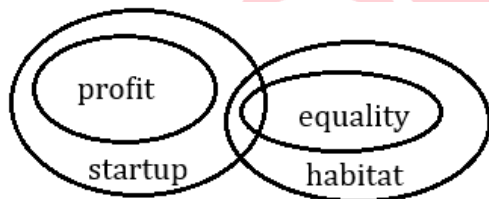
II. Some startup is habitat.

- (a) If only conclusion I follows  
 (b) If only conclusion II follows  
 (c) If either conclusion I or II follows  
 (d) If neither conclusion I nor II follows  
 (e) If both conclusions I and II follow

**Ans.(b)**

**Sol.** I doesn't follow: Profit is only related to startup, and its relation is restricted with other elements.

II follows: As per Venn diagram, some startup is habitat logically follows.



**Directions (3-7): Study the following information carefully and answer the given questions:**

Six boxes – A, B, D, E, F and G are arranged in stacks one after the other but not necessarily in the same order. The lowermost stack is numbered as 1 and so on till the topmost stack is numbered as 6. Each box contains six different fruits- Apple, Mango, Banana, Orange, Kiwi and Grapes.

Box E was placed at even number stack. The box which contains Mango is placed immediately above box E. Two boxes are placed between E and F. The box which contains grapes is placed immediately above Box G and placed immediately below the box which contain Banana. Box G does not contain mango. Box D was placed somewhere above Box E but not immediately above. Box A does not contain

Mango. Kiwi containing box is placed immediately above the box which contains Orange. Box D does not contain Apple.

**Q78. Which fruit is in Box D?**

- (a) Apple
- (b) Mango
- (c) Banana
- (d) Orange
- (e) Kiwi

**Ans.(c)**

**Sol.** Final arrangement:

Stacks	Box	Fruits
	6	D
5	F	Grapes
4	G	Apple
3	B	Mango
2	E	Kiwi
1	A	Orange

**Clues:** Box E was placed at even number stack. The box which contains Mango is placed immediately above box E. Two boxes are placed between E and F.

**Inference:** Here we get two possible cases-

Stacks	Case 1		Case 2	
	Box	Fruits	Box	Fruits
6				
5		Mango	F	
4	E			
3				Mango
2			E	
1	F			

**Clues:** The box which contains grapes is placed immediately above Box G and placed immediately below the box which contain Banana. Box G does not contain mango.

**Inference:**

Stacks	Case 1		Case 2	
	Box	Fruits	Box	Fruits
6				Banana
5		Mango	F	Grapes
4	E	Banana	G	
3		Grapes		Mango
2	G		E	
1	F			

**Clues:** Box D was placed somewhere above Box E but not immediately above. Box A does not contain Mango. Kiwi containing box is placed immediately above the box which contain Orange. Box D does not contain Apple.

**Inference:** Now case 1 will be eliminated and we get-

Stacks	Case 1		Case 2	
	Box	Fruits	Box	Fruits
6	D	Apple	D	Banana
5	B	Mango	F	Grapes
4	E	Banana	G	Apple
3	A	Grapes	B	Mango
2	G	Kiwi	E	Kiwi
1	F	Orange	A	Orange

**Inference:** The final arrangement is-

Stacks	Box	Fruits
	6	D
5	F	Grapes
4	G	Apple
3	B	Mango
2	E	Kiwi
1	A	Orange

Box D contains Banana.

**Q79. What is the position of the box containing Kiwi?**

- (a) First from top
- (b) Second from top
- (c) Third from bottom
- (d) Second from bottom
- (e) None of these

**Ans.(d)**

**Sol.** Final arrangement:

Stacks	Box	Fruits
	6	D
5	F	Grapes
4	G	Apple
3	B	Mango
2	E	Kiwi
1	A	Orange

**Clues:** Box E was placed at even number stack. The box which contains Mango is placed immediately above box E. Two boxes are placed between E and F.

**Inference:** Here we get two possible cases-

Stacks	Case 1		Case 2	
	Box	Fruits	Box	Fruits
6				
5		Mango	F	
4	E			
3				Mango
2			E	
1	F			

**Clues:** The box which contains grapes is placed immediately above Box G and placed immediately below the box which contain Banana. Box G does not contain mango.

**Inference:**

Stacks	Case 1		Case 2	
	Box	Fruits	Box	Fruits
6				Banana
5		Mango	F	Grapes
4	E	Banana	G	
3		Grapes		Mango
2	G		E	
1	F			

**Clues:** Box D was placed somewhere above Box E but not immediately above. Box A does not contain Mango. Kiwi containing box is placed immediately above the box which contain Orange. Box D does not contain Apple.

**Inference:** Now case 1 will be eliminated and we get-

Stacks	Case 1		Case 2	
	Box	Fruits	Box	Fruits
6	D	Apple	D	Banana
5	B	Mango	F	Grapes
4	E	Banana	G	Apple
3	A	Grapes	B	Mango
2	G	Kiwi	E	Kiwi
1	F	Orange	A	Orange

**Inference:** The final arrangement is-

Stacks	Box	Fruits
6	D	Banana
5	F	Grapes
4	G	Apple
3	B	Mango
2	E	Kiwi
1	A	Orange

Box containing Kiwi is placed second from bottom.

**Q80. How many boxes are placed between the box containing Grapes and the box containing Orange?**

- (a) None
- (b) One
- (c) Two
- (d) Three
- (e) Four

**Ans.(d)**

**Sol.** Final arrangement:

Stacks	Box	Fruits
	6	D
5	F	Grapes
4	G	Apple
3	B	Mango
2	E	Kiwi
1	A	Orange

**Clues:** Box E was placed at even number stack. The box which contains Mango is placed immediately above box E. Two boxes are placed between E and F.

**Inference:** Here we get two possible cases-

Stacks	Case 1		Case 2	
	Box	Fruits	Box	Fruits
6				
5		Mango	F	
4	E			
3				Mango
2			E	
1	F			

**Clues:** The box which contains grapes is placed immediately above Box G and placed immediately below the box which contain Banana. Box G does not contain mango.

**Inference:**

Stacks	Case 1		Case 2	
	Box	Fruits	Box	Fruits
6				Banana
5		Mango	F	Grapes
4	E	Banana	G	
3		Grapes		Mango
2	G		E	
1	F			

**Clues:** Box D was placed somewhere above Box E but not immediately above. Box A does not contain

Mango. Kiwi containing box is placed immediately above the box which contain Orange. Box D does not contain Apple.

**Inference:** Now case 1 will be eliminated and we get-

Stacks	Case 1		Case 2	
	Box	Fruits	Box	Fruits
6	D	Apple	D	Banana
5	B	Mango	F	Grapes
4	E	Banana	G	Apple
3	A	Grapes	B	Mango
2	G	Kiwi	E	Kiwi
1	F	Orange	A	Orange

**Inference:** The final arrangement is-

Stacks	Box	Fruits
	6	D
5	F	Grapes
4	G	Apple
3	B	Mango
2	E	Kiwi
1	A	Orange

Three boxes are placed between Grapes and Orange.

**Q81. Which of the following boxes is placed immediately above the box containing Banana?**

- (a) Box A
- (b) Box B
- (c) Box E
- (d) Box D
- (e) None

**Ans.(e)**

**Sol.** Final arrangement:

Stacks	Box	Fruits
	6	D
5	F	Grapes
4	G	Apple
3	B	Mango
2	E	Kiwi
1	A	Orange

**Clues:** Box E was placed at even number stack. The box which contains Mango is placed immediately above box E. Two boxes are placed between E and F.

**Inference:** Here we get two possible cases-

Stacks	Case 1		Case 2	
	Box	Fruits	Box	Fruits
6				
5		Mango	F	
4	E			
3				Mango
2			E	
1	F			

**Clues:** The box which contains grapes is placed immediately above Box G and placed immediately below the box which contain Banana. Box G does not contain mango.

**Inference:**

Stacks	Case 1		Case 2	
	Box	Fruits	Box	Fruits
6				Banana
5		Mango	F	Grapes
4	E	Banana	G	
3		Grapes		Mango
2	G		E	
1	F			

**Clues:** Box D was placed somewhere above Box E but not immediately above. Box A does not contain Mango. Kiwi containing box is placed immediately above the box which contain Orange. Box D does not contain Apple.

**Inference:** Now case 1 will be eliminated and we get-

Stacks	Case 1		Case 2	
	Box	Fruits	Box	Fruits
6	D	Apple	D	Banana
5	B	Mango	F	Grapes
4	E	Banana	G	Apple
3	A	Grapes	B	Mango
2	G	Kiwi	E	Kiwi
1	F	Orange	A	Orange

**Inference:** The final arrangement is-

Stacks	Box	Fruits
6	D	Banana
5	F	Grapes
4	G	Apple
3	B	Mango
2	E	Kiwi
1	A	Orange

No box is placed above Box containing Banana.

**Q82. The box which contains Kiwi is placed three boxes below the box which contain \_\_\_\_.**

- (a) Grapes
- (b) Mango
- (c) Banana
- (d) Orange
- (e) None of these

**Ans.(a)**

**Sol.** Final arrangement:

Stacks	Box	Fruits
	6	D
5	F	Grapes
4	G	Apple
3	B	Mango
2	E	Kiwi
1	A	Orange

**Clues:** Box E was placed at even number stack. The box which contains Mango is placed immediately above box E. Two boxes are placed between E and F.

**Inference:** Here we get two possible cases-

Stacks	Case 1		Case 2	
	Box	Fruits	Box	Fruits
6				
5		Mango	F	
4	E			
3				Mango
2			E	
1	F			

**Clues:** The box which contains grapes is placed immediately above Box G and placed immediately below the box which contain Banana. Box G does not contain mango.

**Inference:**

Stacks	Case 1		Case 2	
	Box	Fruits	Box	Fruits
6				Banana
5		Mango	F	Grapes
4	E	Banana	G	
3		Grapes		Mango
2	G		E	
1	F			

**Clues:** Box D was placed somewhere above Box E but not immediately above. Box A does not contain Mango. Kiwi containing box is placed immediately above the box which contain Orange. Box D does not

contain Apple.

**Inference:** Now case 1 will be eliminated and we get-

Stacks	Case 1		Case 2	
	Box	Fruits	Box	Fruits
6	D	Apple	D	Banana
5	B	Mango	F	Grapes
4	E	Banana	G	Apple
3	A	Grapes	B	Mango
2	G	Kiwi	E	Kiwi
1	F	Orange	A	Orange

**Inference:** The final arrangement is-

Stacks	Box	Fruits
	6	D
5	F	Grapes
4	G	Apple
3	B	Mango
2	E	Kiwi
1	A	Orange

The box which contains Kiwi is placed three boxes below the box which contain grapes.

**Directions (8-11):** Study the following information carefully and answer the questions given below:

A certain number of persons sit in a linear row and face north. Only one person sits between D and L. G sits third to the right of L. M is an immediate neighbour of G. A sits fourth to the right of M. A sits fourth from one of the extreme ends of the row. Two persons sit between A and H who is not an immediate neighbour of M. C sits fifth to the left of H. Not more than one person sits between G and C. As many persons sit to the right of H as to the left of K. K and D are immediate neighbours.

**Q83. How many persons sit in this row?**

- (a) 13
- (b) 11
- (c) 12
- (d) 10
- (e) 14

**Ans.(a)**

**Sol.** Final Arrangement is here:



**Clues:** Only one person sits between D and L. G sits third to the right of L. M is an immediate neighbour of G.

**Inference:** Here we get two possible cases and 1 subcase:

Case 1  $\frac{|}{D} \frac{|}{L} \frac{|}{G} \frac{|}{M} \frac{|}{}$

Case 1(a)  $\frac{|}{D} \frac{|}{L} \frac{|}{M} \frac{|}{G} \frac{|}{}$

Case 2  $\frac{|}{L} \frac{|}{D} \frac{|}{G} \frac{|}{M} \frac{|}{}$

**Clues:** A sits fourth to the right of M. A sits fourth from one of the extreme ends of the row. Two persons sit between A and H who is not an immediate neighbour of M. C sits fifth to the left of H.

**Inference:** Above clues are arranged in the cases given below:

Case 1  $\frac{|}{D} \frac{|}{L} \frac{|}{G} \frac{|}{M} \frac{|}{C} \frac{|}{A} \frac{|}{H} \frac{|}{}$

Case 1(a)  $\frac{|}{D} \frac{|}{L} \frac{|}{M} \frac{|}{G} \frac{|}{C} \frac{|}{A} \frac{|}{H} \frac{|}{}$

Case 2  $\frac{|}{L} \frac{|}{D} \frac{|}{G} \frac{|}{M} \frac{|}{C} \frac{|}{A} \frac{|}{H} \frac{|}{}$

**Clues:** Not more than one person sits between G and C. As many persons sit to the right of H as to the left of K. K and D are immediate neighbours.

**Inference:** Case 1 and Case 2 gets cancelled here because more than one person sits between G and C.

~~Case 1~~  $\frac{|}{D} \frac{|}{L} \frac{|}{G} \frac{|}{M} \frac{|}{C} \frac{|}{A} \frac{|}{H} \frac{|}{}$

Case 1(a)  $\frac{|}{K} \frac{|}{D} \frac{|}{L} \frac{|}{M} \frac{|}{G} \frac{|}{C} \frac{|}{A} \frac{|}{H} \frac{|}{}$

~~Case 2~~  $\frac{|}{L} \frac{|}{D} \frac{|}{G} \frac{|}{M} \frac{|}{C} \frac{|}{A} \frac{|}{H} \frac{|}{}$

**Inference:** Now, the final Arrangement is:

$\frac{|}{K} \frac{|}{D} \frac{|}{L} \frac{|}{M} \frac{|}{G} \frac{|}{C} \frac{|}{A} \frac{|}{H} \frac{|}{}$

13 persons sit in this row.

**Q84. Which among the following statement is/are true?**

I. G and C are immediate neighbours

II. Five persons sit between K and G

III. G sits exactly between L and A

(a) Both I and III

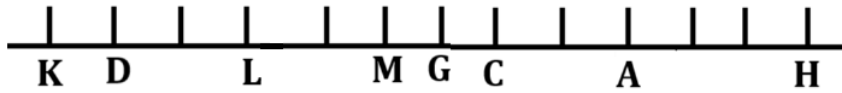
(b) Both I and II



- (c) Both II and III  
 (d) Only I  
 (e) All I, II and III

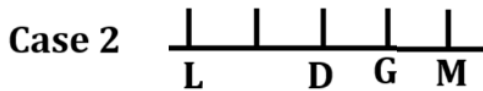
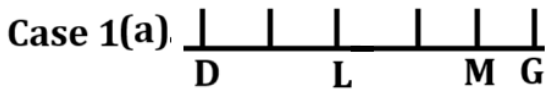
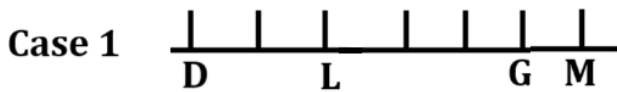
**Ans.(e)**

**Sol.** Final Arrangement is here:



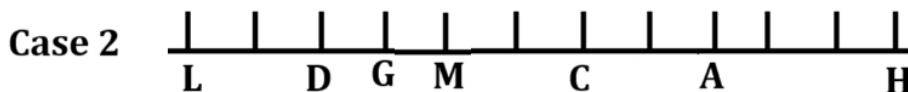
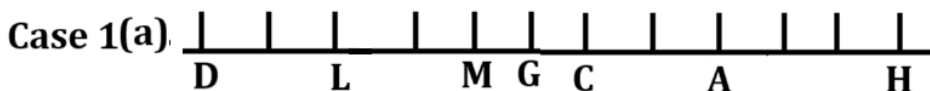
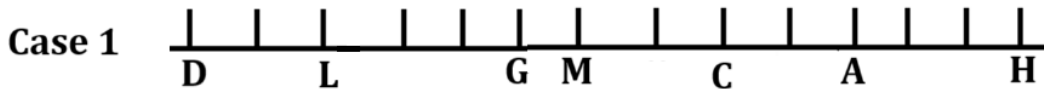
**Clues:** Only one person sits between D and L. G sits third to the right of L. M is an immediate neighbour of G.

**Inference:** Here we get two possible cases and 1 subcase:



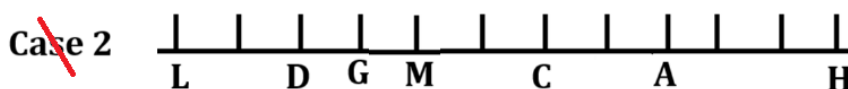
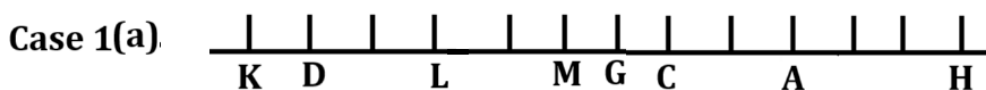
**Clues:** A sits fourth to the right of M. A sits fourth from one of the extreme ends of the row. Two persons sit between A and H who is not an immediate neighbour of M. C sits fifth to the left of H.

**Inference:** Above clues are arranged in the cases given below:

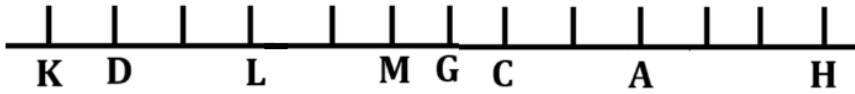


**Clues:** Not more than one person sits between G and C. As many persons sit to the right of H as to the left of K. K and D are immediate neighbours.

**Inference:** Case 1 and Case 2 gets cancelled here because more than one person sits between G and C.



**Inference:** Now, the final Arrangement is:



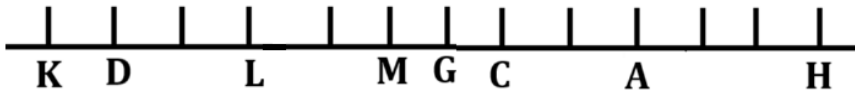
All I, II and III are true

**Q85. How many persons sit between K and A?**

- (a) Nine
- (b) Seven
- (c) Eight
- (d) Six
- (e) None of these

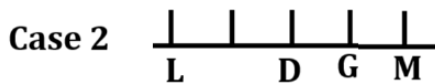
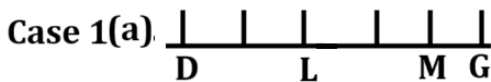
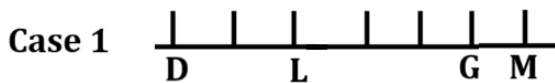
**Ans.(c)**

**Sol.** Final Arrangement is here:



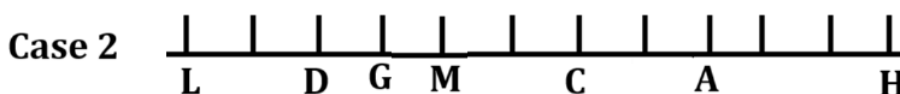
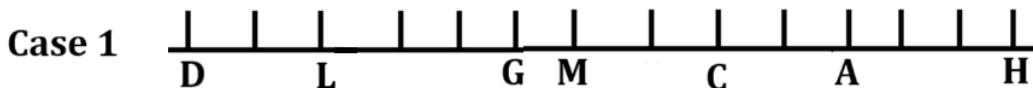
**Clues:** Only one person sits between D and L. G sits third to the right of L. M is an immediate neighbour of G.

**Inference:** Here we get two possible cases and 1 subcase:



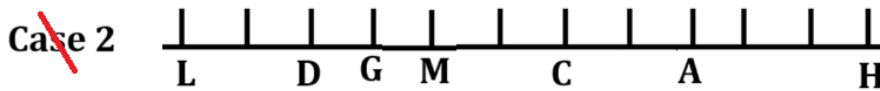
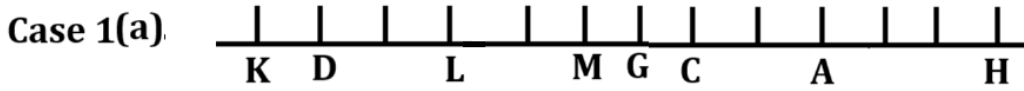
**Clues:** A sits fourth to the right of M. A sits fourth from one of the extreme ends of the row. Two persons sit between A and H who is not an immediate neighbour of M. C sits fifth to the left of H.

**Inference:** Above clues are arranged in the cases given below:



**Clues:** Not more than one person sits between G and C. As many persons sit to the right of H as to the left of K. K and D are immediate neighbours.

**Inference:** Case 1 and Case 2 gets cancelled here because more than one person sits between G and C.



**Inference:** Now, the final Arrangement is:



Eight persons sit between K and A.

**Q86. What is the position of M with respect to H?**

- (a) Immediate right
- (b) Immediate left
- (c) Seventh to the right
- (d) Seventh to the left
- (e) Sixth to the right

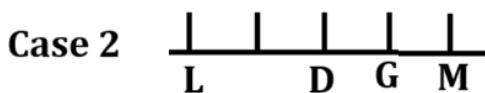
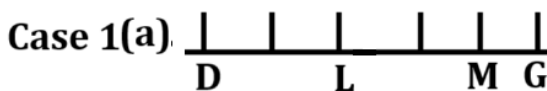
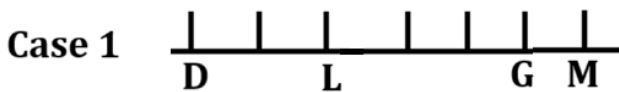
**Ans.(d)**

**Sol.** Final Arrangement is here:



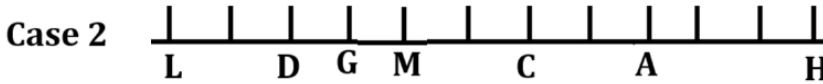
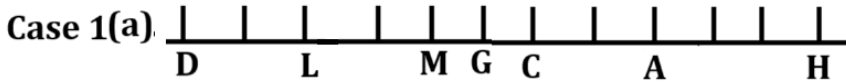
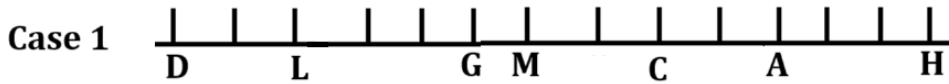
**Clues:** Only one person sits between D and L. G sits third to the right of L. M is an immediate neighbour of G.

**Inference:** Here we get two possible cases and 1 subcase:



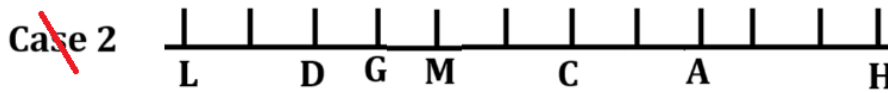
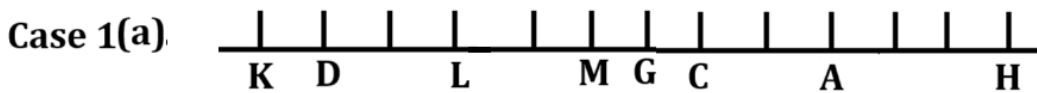
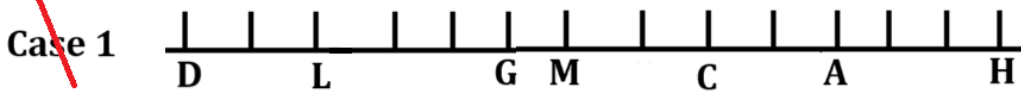
**Clues:** A sits fourth to the right of M. A sits fourth from one of the extreme ends of the row. Two persons sit between A and H who is not an immediate neighbour of M. C sits fifth to the left of H.

**Inference:** Above clues are arranged in the cases given below:



**Clues:** Not more than one person sits between G and C. As many persons sit to the right of H as to the left of K. K and D are immediate neighbours.

**Inference:** Case 1 and Case 2 gets cancelled here because more than one person sits between G and C.



**Inference:** Now, the final Arrangement is:



Seventh to the left

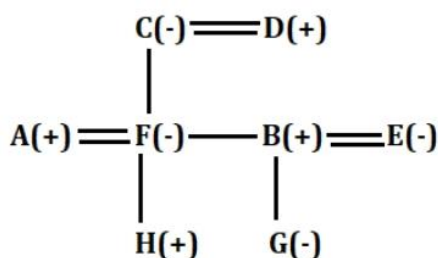
**Q87.** A is brother-in-law of B. B is son of C. D is husband of C. E is only daughter-in-law of D but E is not wife of A. F is aunt of E's daughter G. H is son of F. Now, find how C is related to H's cousin?

- (a) Mother
- (b) Father
- (c) Sister-in-law
- (d) Aunt
- (e) Grandmother

**Ans.(e)**

**Sol.** Sol.

H's cousin is G; C is grandmother of G



**Directions (13-15):** Study the following given information carefully and answer the given questions:

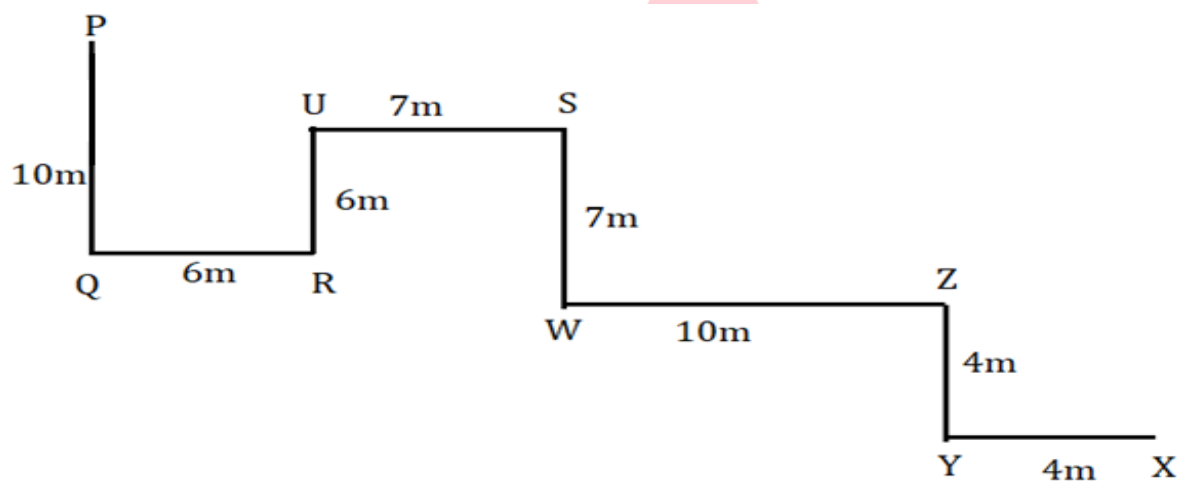
Anaya started walking from Point P in the south direction for 10m and reached Point Q. From Point Q, she turned left and walked for 6m and reached Point R. From Point R, she turned left and walked for 6m and reached Point U. From Point U, she turned right and walked for 7m and reached Point S. Zoya started walking from Point X in the west direction, for 4m and reached Point Y. From Point Y, she turned right and walked for 4m and reached Point Z. From Point Z, she turned left and walked for 10m and reached Point W. From Point W, she turned right and walked for 7m and reached Point S.

**Q88. In which direction is Point Z with respect to Point U?**

- (a) South-East
- (b) South-West
- (c) North-East
- (d) North-West
- (e) None of these

**Ans.(a)**

**Sol.** Final Arrangement is here:



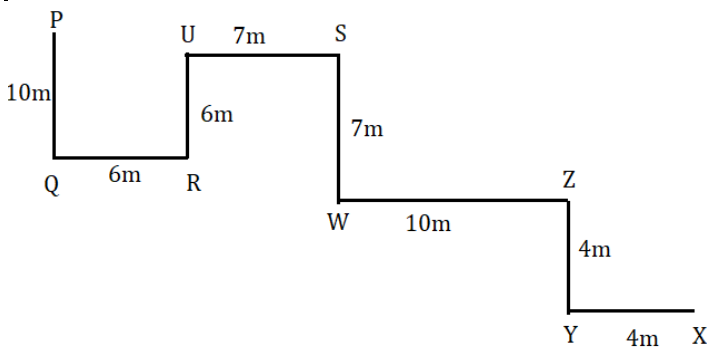
Point Z is in South-East direction with respect to Point U.

**Q89. What is the shortest distance between Point U to Point X?**

- (a) 572m
- (b)  $\sqrt{562}$ m
- (c) 11m
- (d)  $\sqrt{283}$ m
- (e) 21m

**Ans.(b)**

**Sol.** Final Arrangement is here:



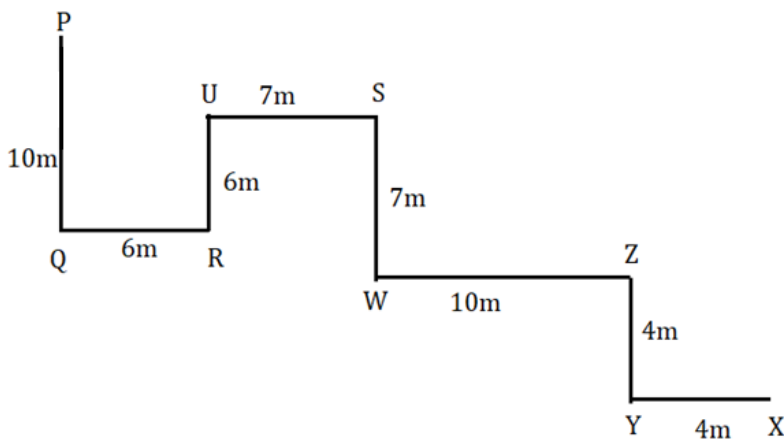
The shortest distance between Point U to Point X is  $\sqrt{562}m$

**Q90. If Point V is exactly to the north of Point X and to the east of Point P. then what is the total distance between Point V and Point W (via point X)?**

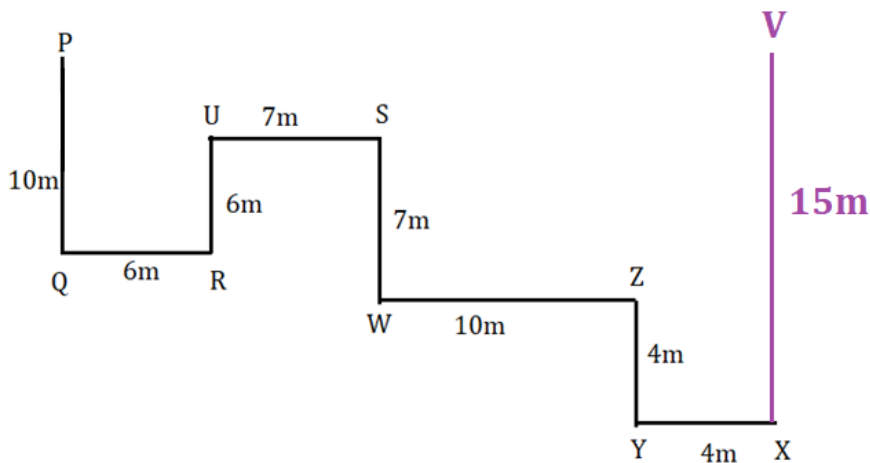
- (a) 37m
- (b) 36m
- (c) 34m
- (d) 33m
- (e) None of these

**Ans.(d)**

**Sol.** Final Arrangement is here:



Total distance travelled from Point V to Point W =  $15+4+4+10= 33$ .

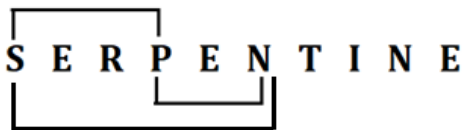


**Q91. How many pairs of letters are there (both forward and backward directions) in the word “SERPENTINE” each of which has as many letters between them as in the English alphabetical series?**

- (a) Three
- (b) One
- (c) Four
- (d) None
- (e) Two

**Ans.(a)**

**Sol.** Three pairs were formed.



**Directions (17-21): Study the information carefully and answer the questions given below.**

Seven persons are going to vacation in different months i.e. January, March, April, May, June, July and August. Each of them goes in different countries.

B goes in the month which has even number of days. Two persons goes between B and the one who goes Brazil. The one who goes Russia go just before the one who goes Argentina. The one who goes Argentina go in the month which has even number of days. Only one person goes between the one who goes Russia and G. G goes to Japan. D goes after B. Four persons goes between A and the one who goes to Germany. The one who goes Denmark goes after the one who goes Germany. B does not go Denmark. Neither D nor C goes Argentina and Denmark. F goes just after D. E does not go to Australia.

**Q92. E goes to which of the following country?**

- (a) Russia
- (b) Brazil
- (c) Argentina
- (d) Germany
- (e) None of these

**Ans.(e)**

**Sol.** B goes in the month which has even number of days. Two persons goes between B and the one who goes Brazil. The one who goes Russia go just before the one who goes Argentina. The one who goes Argentina go in the month which has even number of days. Only one person goes between the one who goes Russia and G. G goes to Japan. There are three possibilities.

	Case-1		Case-2		Case-3	
Month	Person	Countries	Person	Countries	Person	Countries
January						
March		Russia		Brazil	G	Japan
April	B	Argentina			B	
May	G	Japan		Russia		Russia
June			B	Argentina		Argentina
July		Brazil	G	Japan		Brazil
August						

Four persons goes between A and the one who goes to Germany. The one who goes Denmark goes after the one who goes Germany. From this condition case-2 will be eliminated. The one who goes Denmark goes after the one who goes Germany. B does not go Denmark. D goes after B. F goes just after D. E does not go to Australia. From this condition case-1 will be eliminated and the final arrangement is-

Month	Person	Countries
January	C	Germany
March	G	Japan
April	B	Australia
May	D	Russia
June	F	Argentina
July	A	Brazil
August	E	Denmark

**Q93. Who among the following goes in August?**

- (a) E
- (b) G
- (c) B
- (d) A
- (e) None of these

**Ans.(a)**

**Sol.** B goes in the month which has even number of days. Two persons goes between B and the one who goes Brazil. The one who goes Russia go just before the one who goes Argentina. The one who goes Argentina go in the month which has even number of days. Only one person goes between the one who goes Russia and G. G goes to Japan. There are three possibilities.

	Case-1		Case-2		Case-3	
Month	Person	Countries	Person	Countries	Person	Countries
January						
March		Russia		Brazil	G	Japan
April	B	Argentina			B	
May	G	Japan		Russia		Russia
June			B	Argentina		Argentina
July		Brazil	G	Japan		Brazil
August						

7

Four persons goes between A and the one who goes to Germany. The one who goes Denmark goes after the one who goes Germany. From this condition case-2 will be eliminated. The one who goes Denmark goes after the one who goes Germany. B does not go Denmark. D goes after B. F goes just after D. E does not go to Australia. From this condition case-1 will be eliminated and the final arrangement is-

Month	Person	Countries
January	C	Germany
March	G	Japan
April	B	Australia
May	D	Russia
June	F	Argentina
July	A	Brazil
August	E	Denmark

**Q94. How many persons goes between C and A?**

- (a) Two
- (b) Four
- (c) Three
- (d) More than Four
- (e) None of these

**Ans.(b)**

**Sol.** B goes in the month which has even number of days. Two persons goes between B and the one who goes Brazil. The one who goes Russia go just before the one who goes Argentina. The one who goes Argentina go in the month which has even number of days. Only one person goes between the one who goes Russia and G. G goes to Japan. There are three possibilities.

	Case-1		Case-2		Case-3	
Month	Person	Countries	Person	Countries	Person	Countries
January						
March		Russia		Brazil	G	Japan
April	B	Argentina			B	
May	G	Japan		Russia		Russia
June			B	Argentina		Argentina
July		Brazil	G	Japan		Brazil
August						

Four persons goes between A and the one who goes Germany. The one who goes Denmark goes after the one who goes Germany. From this condition case-2 will be eliminated. The one who goes Denmark goes after the one who goes Germany. B does not go Denmark. D goes after B. F goes just after D. E does not go to Australia. From this condition case-1 will be eliminated and the final arrangement is-

Month	Person	Countries
January	C	Germany
March	G	Japan
April	B	Australia
May	D	Russia
June	F	Argentina
July	A	Brazil
August	E	Denmark

**Q95. Who among the following person goes in Australia?**

- (a) E
- (b) F
- (c) B
- (d) D
- (e) None of these

**Ans.(c)**

**Sol.** B goes in the month which has even number of days. Two persons goes between B and the one who goes Brazil. The one who goes Russia go just before the one who goes Argentina. The one who goes Argentina go in the month which has even number of days. Only one person goes between the one who goes Russia and G. G goes to Japan. There are three possibilities.

Month	Case-1		Case-2		Case-3	
	Person	Countries	Person	Countries	Person	Countries
January						
March		Russia		Brazil	G	Japan
April	B	Argentina			B	
May	G	Japan		Russia		Russia
June			B	Argentina		Argentina
July		Brazil	G	Japan		Brazil
August						

Four persons goes between A and the one who goes to Germany. The one who goes Denmark goes after the one who goes Germany. From this condition case-2 will be eliminated. The one who goes Denmark goes after the one who goes Germany. B does not go Denmark. D goes after B. F goes just after D. E does not go to Australia. From this condition case-1 will be eliminated and the final arrangement is-

Month	Person	Countries
January	C	Germany
March	G	Japan
April	B	Australia
May	D	Russia
June	F	Argentina
July	A	Brazil
August	E	Denmark

**Q96. Who among the following goes just before A?**

- (a) C
- (b) D
- (c) F
- (d) E
- (e) None of these

**Ans.(c)**

**Sol.** B goes in the month which has even number of days. Two persons goes between B and the one who goes Brazil. The one who goes Russia go just before the one who goes Argentina. The one who goes Argentina go in the month which has even number of days. Only one person goes between the one who goes Russia and G. G goes to Japan. There are three possibilities.

Month	Case-1		Case-2		Case-3	
	Person	Countries	Person	Countries	Person	Countries
January						
March		Russia		Brazil	G	Japan
April	B	Argentina			B	
May	G	Japan		Russia		Russia
June			B	Argentina		Argentina
July		Brazil	G	Japan		Brazil
August						

Four persons goes between A and the one who goes to Germany. The one who goes Denmark goes after the one who goes Germany. From this condition case-2 will be eliminated. The one who goes Denmark goes after the one who goes Germany. B does not go Denmark. D goes after B. F goes just after D. E does not go to Australia. From this condition case-1 will be eliminated and the final arrangement is-

Month	Person	Countries
January	C	Germany
March	G	Japan
April	B	Australia
May	D	Russia
June	F	Argentina
July	A	Brazil
August	E	Denmark

**Directions (22-25):** Study the following information carefully and answer the question given below.

In a certain code language;

“Playing is good habit” is coded as “th pl dg gp”

“Make your habit of playing” is coded as “em gp ry iu th”

“Playing games is healthy” is coded as “sg gp pl yh”

“Make time of games” is coded as “em et sg iu”

**Q97. What is the code for the word “Habit” as per the above code language?**

- (a) em
- (b) gp
- (c) pl
- (d) th
- (e) Can't be determined

**Ans.(d)**

**Sol.**

Words	Code
Playing	gp
Is	pl
Good	dg
Habit	th
Make	em/iu
Your	ry
Of	iu/em
Healthy	yh
Time	et
Games	sg

**Q98. Which of the following word is coded as “gp”?**

- (a) Good
- (b) Playing
- (c) Healthy
- (d) Games
- (e) Can't be determined

**Ans.(b)**

**Sol.**

Words	Code
Playing	gp
Is	pl
Good	dg
Habit	th
Make	em/iu
Your	ry
Of	iu/em
Healthy	yh
Time	et
Games	sg

**Q99. What is the code for the word “Make”?**

- (a) em
- (b) iu
- (c) gp
- (d) Either ‘em’ or ‘gp’
- (e) Either ‘em’ or ‘iu’

**Ans.(e)**

**Sol.**

Words	Code
Playing	gp
Is	pl
Good	dg
Habit	th
Make	em/iu
Your	ry
Of	iu/em
Healthy	yh
Time	et
Games	sg



**Q100. What is the code for “Games”?**

- (a) sg
- (b) ry
- (c) et
- (d) em
- (e) None of these

Test

Prime

By Adda247

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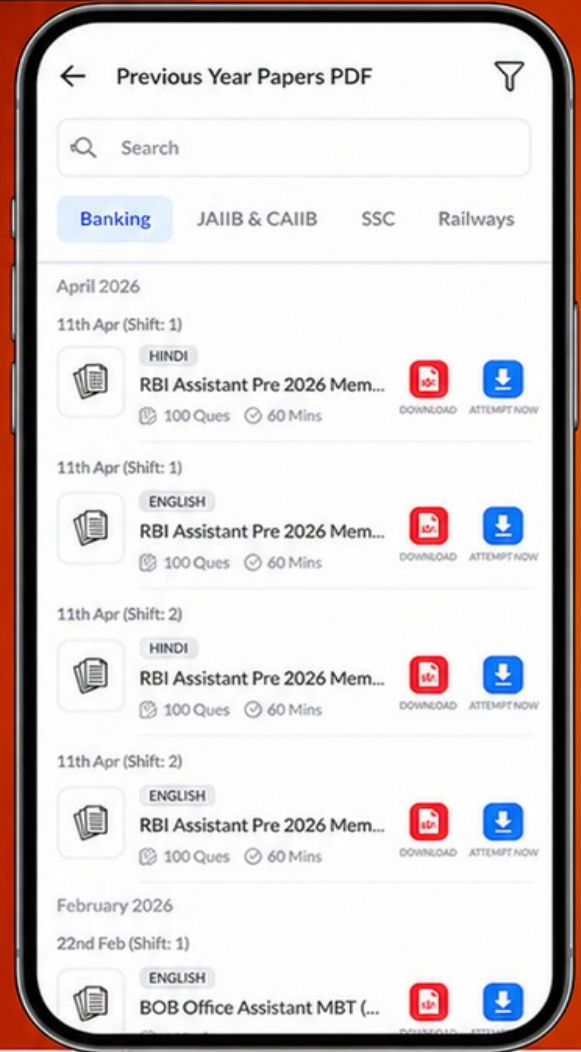
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Ans.(a)

Sol.

Words	Code
Playing	gp
Is	pl
Good	dg
Habit	th
Make	em/iu
Your	ry
Of	iu/em
Healthy	yh
Time	et
Games	sg

