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**Delhi Development Authority
(Recruitment Cell)**

Advertisement No. 01/2019/Recrt. Cell. /Pers./DDA

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Participant ID :	
Participant Name:	
Test Center Name:	iON Digital Zone iDZ 1 GT Karnal Road
Test Date:	18/03/2019
Test Time:	1:00 PM - 3:00 PM
Subject :	Planning Assistant

Section : Discipline

Q.1 Effective Temperature in Buildings integrates the effects of:

- Ans
- ☒ 1. Radiation, Temperature, Humidity
 - ☒ 2. Air Pressure, Radiation, Temperature
 - ☒ 3. Relative Humidity, Air-movement, Temperature
 - ☒ 4. Temperature, Air Pressure, Humidity

Question ID : 5096474416

Q.2 Bacteria which uses carbon dioxide as a source of carbon are known as:

- Ans
- ☒ 1. Anaerobic bacteria
 - ☒ 2. Autotrophic bacteria
 - ☒ 3. Aerobic bacteria
 - ☒ 4. Micro bacteria

Question ID : 5096474482

Status : Answered

Chosen Option : 1

Q.3 How many types of towns and villages, based on their shape, are described in 'Mansara'?

- Ans
- ☒ 1. 6
 - ☒ 2. 10
 - ☒ 3. 7
 - ☒ 4. 8

Question ID : 5096474467

Status : Answered

Chosen Option : 2

Q.4

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Which conclusion can be drawn from the information in the chart?

Country	Births per 1000	Infant mortality per 1000	Per capita income
Tanzania	48	102.0	\$260
Germany	10	5.9	\$17,400
Bangladesh	37	116.0	\$200
Japan	10	4.4	\$34,040
Chile	22	14.6	\$2,250

Source: 1985 World Almanac

- Ans
- ☒ 1. Infant mortality is a greater problem in Africa than in Asia.
 - ☒ 2. Developing countries are instituting programs to limit the growth of their populations.
 - ☒ 3. The nations with relatively low birthrates have relatively high per capita incomes.
 - ☒ 4. The national birthrate is determined by many different factors.

Question ID : 5096474427

Q.5 Identify the urban function that is not included under social infrastructure:

- Ans
- ☒ 1. Hospitals and health centers
 - ☒ 2. Malls and markets
 - ☒ 3. Schools and colleges
 - ☒ 4. Roads and footpaths

Question ID : 5096474494
Status : Answered
Chosen Option : 4

Q.6 As per vastu, the best suited location of placing overhead water tank is in the direction of:

- Ans
- ☒ 1. North- East (NE)
 - ☒ 2. South- East (SE)
 - ☒ 3. North-West (NW)
 - ☒ 4. South-West (SW)

Q.7 Occupancy rates are calculated by:

- Ans
- ☒ 1. Population density/area
 - ☒ 2. Population density/accommodation density
 - ☒ 3. Area/density

☒ 4. Area/accommodation density

Question ID : 5096474478
Status : Answered
Chosen Option : 2

Q.8 V7 concept given by Le Corbusier refers to _____.

- Ans ☒ 1. Housing Typologies
☒ 2. Neighbourhood Planning
☒ 3. Architecture Design Principle
☒ 4. Hierarchy of Roads

Q.9 A country has the largest city size of 5 million. What will be the population size of its fourth largest city according to the rank size rule?

- Ans ☒ 1. 1 lac
☒ 2. 1 million
☒ 3. 1.25 lacs
☒ 4. 1.25 million

Question ID : 5096474444
Status : Answered
Chosen Option : 4

Q.10 Dissolved oxygen in streams is:

- Ans ☒ 1. Minimum at noon
☒ 2. Same throughout the day
☒ 3. Maximum at night
☒ 4. Maximum at noon

Q.1 An oxbow lake is a _____ shaped body of water formed when a wide meander from the main stem of a river is cut off to create a lake.

- Ans ☒ 1. W
☒ 2. None of the above
☒ 3. U
☒ 4. L

Question ID : 5096474448
Status : Answered
Chosen Option : 1

Q.12 Gate Valves are used in water supply lines to:

- Ans ☒ 1. Drain out the excess water,

- ☒ 2. Isolate parts of the network,
- ☐ 3. Release air trapped in the pipeline
- ☐ 4. None of the above

Question ID : 5096474417
Status : Answered
Chosen Option : 2

Q.1
3 An external enclosure of a space is most pleasing when its walls are:

- Ans
- ☐ 1. Height is four times the width
 - ☐ 2. height is equal to the width
 - ☒ 3. $\frac{1}{2}$ - $\frac{1}{3}$ rd as high as the width of space
 - ☐ 4. height is greater than width

Q.1
4 Which of the following is NOT a classical spatial theory of land use planning?

- Ans
- ☐ 1. Multiple Nuclei Theory
 - ☐ 2. Sector Theory
 - ☐ 3. Concentric Zone theory
 - ☒ 4. Centripetal Theory

Question ID : 5096474438
Status : Answered
Chosen Option : 4

Q.1
5 'BOLT' is an acronym which stands for:

- Ans
- ☐ 1. Building- occupancy- legal- transfer
 - ☐ 2. Building- occupied- legal- transfer
 - ☐ 3. Build- operate- lease- transfer
 - ☒ 4. Build- own- lease- transfer

Q.1
6 AMRUT, a programme of Government of India, deals with:

- Ans
- ☒ 1. Rejuvenation and Urban Transformation
 - ☐ 2. Urban Employment Generation
 - ☐ 3. Rural Employment Generation
 - ☐ 4. Rural and Urban Transformation

Q.1
7 In developing countries, the use of wood, charcoal, and dung as major sources of energy has created an increase in:

- Ans
- ☐ 1. economic dependence on industrialized nations
 - ☐ 2. sales and profits for international oil corporations
 - ☐ 3. nuclear waste products
 - ☒ 4. deforestation and other environmental

Question ID : 5096474423
Status : Answered
Chosen Option : 4

Q.1
8 Most of the bacteria in sewage are:

- Ans
- ☐ 1. Parasitic
 - ☒ 2. Saprophytic
 - ☐ 3. Pathogenic
 - ☐ 4. Anaerobic

Q.1
9 Concept of Liner City was proposed by _____.

- Ans
- ☐ 1. C.A. Doxiadis
 - ☐ 2. F.L. Wright
 - ☒ 3. Soria Y mata
 - ☐ 4. Ebenzer Howard

Question ID : 5096474441
Status : Answered
Chosen Option : 3

Q.2
0 Biotic environment includes:

- Ans
- ☐ 1. consumer
 - ☒ 2. all the above
 - ☐ 3. decomposers
 - ☐ 4. Producers

Q.2
1 'Finger Plan' concept of urban planning was initially adopted in:

- Ans
- ☐ 1. Hong Kong
 - ☐ 2. Paris
 - ☒ 3. Copenhagen
 - ☐ 4. Canberra

Question ID : 5096474436

Q.2 In Islamic architecture, the device used for placing a perfect circular dome over a square plan is called a _____.

2

- Ans
- ☐ 1. Mastaba
 - ☐ 2. Mehrab
 - ☐ 3. Scroll
 - ☒ 4. Squinch

Question ID : 5096474487
Status : Answered
Chosen Option : 4

Q.2 A good plumbing trap should:

3

- Ans
- ☐ 1. Not have self-cleansing property
 - ☐ 2. All of the above
 - ☐ 3. Restrict the flow of water
 - ☒ 4. Provide an adequate water seal at all times

Q.2 Residential areas in Landuse map are identified by which colour?

4

- Ans
- ☐ 1. Blue
 - ☐ 2. Orange
 - ☐ 3. Red
 - ☒ 4. Yellow

Question ID : 5096474424
Status : Answered
Chosen Option : 4

Q.2 'Stroboscopic Effect' is associated with:

5

- Ans
- ☐ 1. Water supply
 - ☒ 2. Lighting and Shadow
 - ☐ 3. HVAC
 - ☐ 4. Acoustics

Q.2 Standard BOD is measured at:

6

- Ans
- ☐ 1. 25°C- 3 day
 - ☒ 2. 20°C- 5 day
 - ☐ 3. 20°C- 1 day
 - ☐ 4. 30°C- 5 day

Question ID : 5096474481
Status : Answered
Chosen Option : 1

Q.2 PERT is best suited for:

7

- Ans
- ☐ 1. Operational Projects
 - ☐ 2. Deterministic Projects
 - ☒ 3. Probabilistic Projects
 - ☐ 4. PPP Projects

Q.2
8 Water reservoir storage capacity can be determined using the variables:

- Ans
- ☐ 1. Cumulative runoff and time
 - ☐ 2. Population and time
 - ☐ 3. Runoff and time
 - ☒ 4. Water demand and time

Question ID : 5096474446
Status : Answered
Chosen Option : 1

Q.2
9 Among the following, the urban open space known for its human scale is:

- Ans
- ☐ 1. Place de la Concorde, Paris
 - ☒ 2. Piazza del Campo, Siena
 - ☐ 3. St. Peter's Square, Rome
 - ☐ 4. Piazza del Popolo, Rome

Q.3
0 A _____ projection is a type of rectangular map in which the true compass direction are kept intact

- Ans
- ☐ 1. Steriographic
 - ☐ 2. Cylindrical
 - ☒ 3. Mercator
 - ☐ 4. Conical

Question ID : 5096474447
Status : Answered
Chosen Option : 1

Q.3
1 'Vartula' is a type of town and village based on:

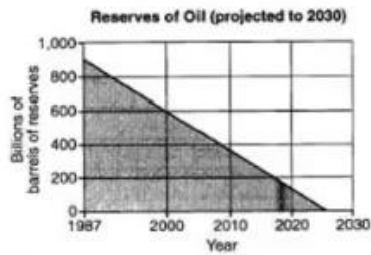
- Ans
- ☐ 1. Population
 - ☒ 2. Shape
 - ☐ 3. Economy
 - ☐ 4. Language

Question ID : 5096474493
Status : Answered
Chosen Option : 3

Q.3
2 The theory of 'Ekistics and Dynapolis' was advocated by:

- Ans
- ☐ 1. Lewis Mumford
 - ☐ 2. Tony Garnier
 - ☒ 3. C.A. Doxiadis
 - ☐ 4. Soria Y Mata

Q.3
3 Which action will help to slow the trend indicated by the graph?



- Ans
- ☒ 1. Lowering worldwide oil prices
 - ☒ 2. Expanding Green Revolution technology
 - ☒ 3. Using alternative energy sources
 - ☒ 4. Increasing industrialization in developing nations

Q.3
4 A material reflects 35% of its incident sound energy. So the sound Absorption coefficient of the material is:

- Ans
- ☒ 1. 0.15
 - ☒ 2. 0.35
 - ☒ 3. None of These
 - ☒ 4. 0.065

Question ID : 5096474421
Status : Not Answered
Chosen Option : --

Q.3
5 Which is NOT a component of urban design principle as identified by Prof. Kevin Lynch?

- Ans
- ☒ 1. District
 - ☒ 2. Node
 - ☒ 3. Public Transport
 - ☒ 4. Edge

Question ID : 5096474472
Status : Answered
Chosen Option : 3

Q.3
6 According to URDFI the playgrounds, stadiums and sports complex are denoted by:

- Ans
- ☒ 1. R1
 - ☒ 2. P4
 - ☒ 3. P3
 - ☒ 4. R2

Q.3
7 A white, powdery deposit that forms on an exposed masonry or concrete surface, is:

- Ans
- ☒ 1. Efficacy
 - ☒ 2. Effluent
 - ☒ 3. Efflorescence
 - ☒ 4. Effervescence

Question ID : 5096474470
Status : Answered
Chosen Option : 4

Q.3
8 Antonio Gaudi's Architecture is an example of:

- Ans
- ☒ 1. Organic shapes
 - ☒ 2. Geometric patterns
 - ☒ 3. Linear shapes
 - ☒ 4. Floral patterns

Q.3
9 The basic elements of Ekistics are:

- Ans
- ☒ 1. Community, land, shell, network , image
 - ☒ 2. Community, landscape, culture, society, transport
 - ☒ 3. Nature, shell, network, administration, society
 - ☒ 4. Society, nature, man, shell, network

Question ID : 5096474485
Status : Answered
Chosen Option : 4

Q.4

0 Satellite Town Concept has failed in Indian context because:

- Ans
- ☒ 1. All the above
 - ☒ 2. No resources
 - ☒ 3. Merger with mother city
 - ☒ 4. Non existence

Question ID : 5096474443
Status : Answered
Chosen Option : 2

Q.4
1 PMGSY, a programme of Government of India, deals with _____.

- Ans
- ☒ 1. Rural Employment Generation
 - ☒ 2. Rural Electrification
 - ☒ 3. Rural Road Development
 - ☒ 4. Urban Employment Generation

Q.4
2 Factory towns a fallout of Industrial revolution was proposed by _____.

- Ans ☒ 1. Robert Owen
☒ 2. F.L. Wright
☒ 3. Ramond Unwin
☒ 4. None of the above

Question ID : 5096474442
 Status : Answered
 Chosen Option : 1

Q.4
3 Arrange the following in ascending order of width
 P. Collector Street Q. Arterial Road R. Local Street S. Sub-Arterial Road

- Ans ☒ 1. Q, S, R, P
☒ 2. R, P, S, Q
☒ 3. Q, S, P, R
☒ 4. P, Q, S, R

Q.4
4 The water mains are provided usually of cast iron as:

- Ans ☒ 1. It is desirable
☒ 2. It is resistant to corrosion
☒ 3. It discharges remains unaffected with service time
☒ 4. It is able to resist very high pressure

Q.4
5 Which one of the following is NOT a basic principle of designing people-friendly urban built environment?

- Ans ☒ 1. Diversity
☒ 2. Adaptability
☒ 3. Monotony
☒ 4. Legibility

Question ID : 5096474433
 Status : Answered
 Chosen Option : 3

Q.4
6 JNNSM : Solar Panel; JNNURM : _____

- Ans ☒ 1. Mega Mall Chain
☒ 2. Nuclear Power
☒ 3. Municipal reforms
☒ 4. Rain Water Harvesting

Q.4
7 Aerial photography is a useful tool to obtain _____.

- Ans ☒ 1. Land cover data
☒ 2. Landuse data
☒ 3. Land ownership data
☒ 4. Land contour data

Question ID : 5096474420
 Status : Answered
 Chosen Option : 1

Q.4
8 Geographic Information System (GIS) combines maps with:

- Ans ☒ 1. computer automation, statistics and topology
☒ 2. computer graphics, databases and analytical tools
☒ 3. computer informatics, databases and qualitative tools
☒ 4. Computer graphics, informatics and quantitative tools

Q.4
9 ECBC stands for

- Ans ☒ 1. Energy Conservation Building Code
☒ 2. electrical Credit in Building Code
☒ 3. Electrical Conduit in Building Construction
☒ 4. Energy Credit in Building Construction

Question ID : 5096474418
 Status : Answered
 Chosen Option : 1

Q.5
0 Volume of a 50 kg cement bag is generally taken as:

- Ans ☒ 1. 0.034 Cum.
☒ 2. 0.50 Cum.
☒ 3. 0.25 Cum.
☒ 4. 0.043 Cum.

Q.5
1 Age-Sex cohort for a state in India is obtained from

- Ans ☒ 1. Election Commission of India
☒ 2. Survey of India
☒ 3. Indian Statistical Institute
☒ 4. Census of India

Question ID : 5096474419
 Status : Answered
 Chosen Option : 2

Q.5
2 Plumeria Alba belongs to which of the following categories of softscape?

- Ans ☒ 1. Herb
☒ 2. Ground cover
☒ 3. Tree
☒ 4. Grass

Q.5 With a mission to develop 100 smart cities in India, which state gets the maximum number of aspirant smart cities?

3

- Ans
- ☐ 1. Gujarat
 - ☐ 2. Madhya Pradesh
 - ☒ 3. Uttar Pradesh
 - ☐ 4. Maharashtra

Question ID : 5096474490
Status : Answered
Chosen Option : 1

Q.5 Charles Jencks is associated with:

4

- Ans
- ☐ 1. Rationalism

- ☒ 2. Radical Eclecticism
- ☐ 3. Surrealistic Eclecticism
- ☐ 4. Romanticism

Question ID : 5096474459
Status : Answered
Chosen Option : 4

Q.5 Development authorities in India are established under the provision of:

5

- Ans
- ☒ 1. Town and Country Planning Act
 - ☐ 2. 74th Constitutional Amendment Act
 - ☐ 3. Land Acquisition Act
 - ☐ 4. Municipal Act

Q.5 SWOT analysis is used for examining a situation's inherent:

6

- Ans
- ☐ 1. Support, Wastefulness, Ownership and Transparency
 - ☐ 2. Strength, Wastefulness, Opportunity and Tactfulness
 - ☐ 3. Sanction, Weakness, Ownership and Threat
 - ☒ 4. Strength, Weakness, Opportunity and Threat

Question ID : 5096474452
Status : Answered
Chosen Option : 4

Q.5 Human beings have binocular vision that covers about:

7

- Ans
- ☐ 1. 170°
 - ☐ 2. 100°
 - ☒ 3. 140°
 - ☐ 4. 80°

Q.5 Which of the following characteristics should a structure possess to be earthquake responsive?

8

- Ans
- ☐ 1. Mobility
 - ☒ 2. Ductility
 - ☐ 3. Stability
 - ☐ 4. Permeability

Q.5₉ The sequence of development in a Site-and-Services scheme is:

- Ans
- ☐ 1. Land -Occupant – House – Service
 - ☐ 2. Occupant – Land – House – Services
 - ☐ 3. Occupant – Land – Service – House
 - ☒ 4. Land – Service – House – Occupant

Question ID : 5096474437
Status : Answered
Chosen Option : 4

Q.6₀ Which of the following is NOT a criterion for defining urban areas, as per Census of India?

- Ans
- ☐ 1. Population size
 - ☐ 2. Population density
 - ☒ 3. Percentage of pucca house
 - ☐ 4. Percentage of male working population engaged in non-agricultural activities

Q.6₁ The components that contribute to Daylight Factor are:

- Ans
- ☐ 1. Sky component and externally reflected components
 - ☐ 2. Externally and internally reflected components
 - ☐ 3. Sky component and internally reflected components
 - ☒ 4. Sky component, internally and externally reflected components

Question ID : 5096474475
Status : Answered
Chosen Option : 4

Q.6₂ 'Sky Component' is an element of:

- Ans
- ☐ 1. Rainwater harvesting
 - ☐ 2. Earthquake resistant design
 - ☐ 3. Thermal performance analysis
 - ☒ 4. Daylight factor

Q.6₃ As per the Census of India 2011, 'Metropolitan Urban Agglomeration' is a contiguous spread of several urban settlements where the minimum population size (in Lakh) is:

- Ans
- ☐ 1. 5
 - ☒ 2. 10
 - ☐ 3. 50

✗ 4. 1

Question ID : 5096474434
Status : Not Answered
Chosen Option : --

Q.6 Vernacular buildings in hot-dry climate are characterized by:

- Ans
- ✗ 1. Stilt floors on ground floor
 - ✓ 2. Compact form with small courtyards
 - ✗ 3. Large door and window openings
 - ✗ 4. Elongated plan shapes

Q.6 Travel behavior characteristics of an urban area can be derived from:

- Ans
- ✗ 1. Parking Survey
 - ✗ 2. Demographic Survey
 - ✗ 3. Socio Economic Survey
 - ✓ 4. Origin & Destination Survey

Question ID : 5096474454
Status : Answered
Chosen Option : 4

Q.6 Which of the following compound is widely used to control algae?

- Ans
- ✗ 1. Sodium chloride
 - ✗ 2. Sodium sulphate
 - ✓ 3. Copper sulphate
 - ✗ 4. Calcium chloride

Q.6 The characteristics of both Dravidian style and Nagara style of Temple Architecture are found in temple complex at

- Ans
- ✗ 1. Konark
 - ✗ 2. Mahabalipuram
 - ✗ 3. Gwalior
 - ✓ 4. Pattadakal

Question ID : 5096474458
Status : Answered
Chosen Option : 4

Q.6 In a residential community of 10000 population 20% are higher secondary school going children. The expected enrolment is 80% and per capita gross floor space required is 3.0 sqm. The ground coverage permissibility is 40%. Indicate the land area required for the Higher Secondary School Building?

- Ans ☒ 1. 1.2 HA
☒ 2. 0.85 HA
☒ 3. 7.5 HA
☒ 4. 6.0 HA

Question ID : 5096474430
Status : Not Answered
Chosen Option : --

Q.6 According to NBC, India, the minimum ceiling height of a habitable room is:

- Ans ☒ 1. 3000 mm
☒ 2. 2750 mm
☒ 3. 2400 mm
☒ 4. 2550 mm

Q.7 'PCU' in transport planning refers to

- Ans ☒ 1. Public Carriage Utility
☒ 2. Passenger Car Unit
☒ 3. Per Car Unit
☒ 4. Passenger Carriage Unit

Question ID : 5096474464
Status : Answered
Chosen Option : 2

Q.7 The valve which allows the flow of liquid or gas in one direction only is called:

- Ans ☒ 1. Relief valve
☒ 2. Sluice valve
☒ 3. Scour valve
☒ 4. Reflux valve

Q.7 The earliest known examples of deliberately planned and managed cities is from:

- Ans ☒ 1. Roman period
☒ 2. Harappan period
☒ 3. Egyptian period
☒ 4. Hoysala period

Q.7
3 Among the following, the one that is NOT a land assembly technique is:

- Ans
- ☒ 1. Town Planning Schemes
 - ☒ 2. Land Use Zoning
 - ☒ 3. Transfer of Development Right
 - ☒ 4. Accommodation Reservation

Question ID : 5096474435
Status : Answered
Chosen Option : 3

Q.7
4 'Ramsar List' is associated with:

- Ans
- ☒ 1. Heritage buildings
 - ☒ 2. Seismic zones
 - ☒ 3. Wetlands
 - ☒ 4. Special economic zones

Q.7
5 Wythenshawe and Becontree are examples of:

- Ans
- ☒ 1. Vertical Neighborhood
 - ☒ 2. Satellite Town
 - ☒ 3. Garden City
 - ☒ 4. Factory Town

Question ID : 5096474453
Status : Answered
Chosen Option : 2

Q.7
6 Periodic repetition of similar, but not identical movements is called:

- Ans
- ☒ 1. Rhythm
 - ☒ 2. Balance
 - ☒ 3. Continuity
 - ☒ 4. Similarity

Q.7
7 Float glass is manufactured by:

- Ans
- ☒ 1. Embedding a square or diamond mesh within the flat or patterned glass
 - ☒ 2. Drawing the molten glass from a furnace
 - ☒ 3. Rolling molten glass into a plate and grinding and polishing it after cooling
 - ☒ 4.

Pouring molten glass onto a surface of molten tin and allowing it to cool slowly

Question ID : 5096474476
Status : Answered
Chosen Option : 4

Q.7 Which one of the following is NOT a traffic calming measure?

- Ans
- ☒ 1. Rumble strips
 - ☒ 2. Pedestrian crossings
 - ☒ 3. Roadside trees
 - ☒ 4. Roundabouts

Q.7 The international guidelines for conservation and restoration of monuments and Sites recommended by ICOMOS is known as:

- Ans
- ☒ 1. Amsterdam Declaration
 - ☒ 2. Granada convention
 - ☒ 3. Burra charter
 - ☒ 4. Venice charter

Question ID : 5096474486
Status : Answered
Chosen Option : 4

Q.8 The 'phase of death' of a city suggested by Lewis Mumford, is referred to _____.

- Ans
- ☒ 1. Tyrannopolis
 - ☒ 2. Eopolis
 - ☒ 3. Necropolis
 - ☒ 4. Megalopolis

Section : Reasoning

Q.1 What is the maximum number of triangles in the following figure?



- Ans
- ☒ 1. 2
 - ☒ 2. 10
 - ☒ 3. 3
 - ☒ 4. 16

Q.2 In a certain code language, GOLD is written as 8-16-13-5 and ORE is written as 16-19-6. Following the same rule of coding, what would be the code for CRUDE?

- Ans** ☒ 1. 4-19-22-5-6
☒ 2. 20-1-13-1-4
☒ 3. 18-1-13-1-4
☒ 4. 3-18-21-4-5

Question ID : 5096474500
 Status : Answered
 Chosen Option : 1

Q.3 Select the word from the options that is different from the rest in a certain way.

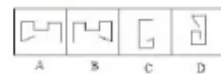
- Ans** ☒ 1. Brass
☒ 2. Steel
☒ 3. Silver
☒ 4. Bronze

Q.4 Select the Answer Figure that depicts the correct mirror image of the given Question Figure when the mirror is placed at the MN line.

Question Figure:



Answer Figures:



- Ans** ☒ 1. D
☒ 2. C
☒ 3. A
☒ 4. B

Q.5 Sarvik took a taxi to meet his three friends for dinner at a restaurant. They were waiting for him outside the restaurant when he stepped out of the car. He was so excited to see his friends that he left his laptop bag in the taxi. As the taxi went away, he and his friends took notice of the license number plate of the car, which would help them to identify the car when they called the taxi company.

- The four friends seem to agree that the number plate starts with the letters WB.
- Three of them agree that the plate ends with 12.
- Three of them think that the third and fourth characters of number plate is 03.
- All of them think that the fifth and sixth characters on number plate is AS.
- Three of them think that the seventh and eighth characters on number plate is 23.

Out of the following four license plate numbers, which one is most likely the license plate number of the taxi?

- Ans** ☒ 1. WB03AS2312
☒ 2. WB23AS0312
☒ 3. WB12AS0323
☒ 4. WB03AS1223

Question ID : 5096474499
 Status : Answered
 Chosen Option : 1

Q.6 Identify the number that when added to itself twelve times gives 234.

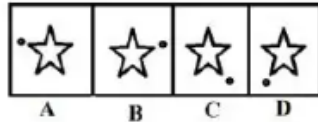
- Ans** ☒ 1. 18
☒ 2. 30
☒ 3. 19
☒ 4. 20

Q.7 Select the Answer Figure that will come next in the given Question Figure series.

Question Figures:



Answer Figures:

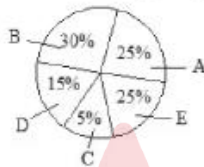


Ans ☒ 1. A
☒ 2. C
☒ 3. D
☒ 4. B

Q.8 Seetha is Jahnvi's sister. How is Jahnvi's father's sister's son's brother related to Seetha?

Ans ☒ 1. Cousin
☒ 2. Uncle
☒ 3. Father
☒ 4. Grandson

The following pie chart gives information about the types of chocolates manufactured by company XYZ in India in the year 2018.



If the total number of chocolates manufactured by XYZ in the year 2018 was 2,40,000 units, how many chocolates of type B were manufactured by XYZ in the same year?

Ans ☒ 1. 90,000
☒ 2. 72,000
☒ 3. 60,000
☒ 4. 1,20,000

Q.1 Which number will replace the question mark (?) in the following series?

3, 14, 16, 27, 29, 40, 42, 53, ?

- Ans
- ☒ 1. 63
 - ☒ 2. 74
 - ☒ 3. 55
 - ☒ 4. 64

Question ID : 5096474504
Status : Answered
Chosen Option : 3

Section : Quantitative Aptitude

Q.1 The average of all even factors of 72 is:

- Ans
- ☒ 1. 13.75
 - ☒ 2. 16.25
 - ☒ 3. 18.50
 - ☒ 4. 20.22

Q.2 The price of petrol is increased by 14%. A person wants to increase the expenditure by 8% only. By what percent, correct to one decimal place, he should decrease his consumption?

- Ans
- ☒ 1. 5.3%
 - ☒ 2. 5.8%
 - ☒ 3. 5.6%
 - ☒ 4. 5.1%

Q.3 What should be subtracted from 57588 to make it a perfect square?

- Ans
- ☒ 1. 467
 - ☒ 2. 418
 - ☒ 3. 336
 - ☒ 4. 526

Question ID : 5096474506
Status : Not Answered
Chosen Option : --

Q.4 The chord of a circle of radius 20 cm subtends an angle of 60° at the center of the circle. What is the approximate area of minor segment of the circle? ($\pi = 3.14$)

- Ans
- ☒ 1. 38.1 cm^2
 - ☒ 2. 34.6 cm^2
 - ☒ 3. 32.5 cm^2
 - ☒ 4. 36.1 cm^2

Q.5 A person marks his goods 50% above the cost price. He sells 18% of goods at 10% discount, 48% of goods 20% discount and remaining at 40% discount on the marked price. What is his overall profit percent?

- Ans
- ☒ 1. 16.5%
 - ☒ 2. 11.5%
 - ☒ 3. 12.5%
 - ☒ 4. 15.5%

Question ID : 5096474509
Status : Not Answered
Chosen Option : --

Q.6 A boat can go 10 km downstream and 18 km upstream in 2 hours 10 minutes. If speed of stream is $\frac{5}{2}$ km/h, what is the speed downstream in km/h?

- Ans
- ☒ 1. 14
 - ☒ 2. 13
 - ☒ 3. 12
 - ☒ 4. 15

Q.7 The volume of the largest cone that can be cut from a cube of edge 21 cm is: ($\pi = \frac{22}{7}$)

- Ans
- ☒ 1. 3638.25 cm^2
 - ☒ 2. 4851 cm^2
 - ☒ 3. 2425.5 cm^3
 - ☒ 4. 7276.5 cm^2

Question ID : 5096474513
Status : Not Answered
Chosen Option : --

Q.8 $22 - [16 - \{19 - (14 - 8 - 4)\}]$ is equal to:

- Ans
- ☒ 1. 16
 - ☒ 2. 15
 - ☒ 3. 17
 - ☒ 4. 18

Q.9 The number of factor of 36000 is:

- Ans
- ☒ 1. 72
 - ☒ 2. 48
 - ☒ 3. 56
 - ☒ 4. 30

Q.1 A and B can finish a work in 24 days and 30 days respectively. If they work on alternate days, starting with B, then in how many days the work will be completed?

- Ans
- ☒ 1. $26\frac{4}{5}$
 - ☒ 2. $26\frac{3}{5}$
 - ☒ 3. $26\frac{2}{3}$
 - ☒ 4. $26\frac{3}{4}$

Section : General Awareness

Q.1 Which Five Year Plan was based on the P.C. Mahalanobis model?

- Ans ☒ 1. Third Five Year Plan
☒ 2. Fifth Five Year Plan
☒ 3. Second Five Year Plan
☒ 4. Fourth Five Year Plan

Q.2 Where was the fourth Buddhist council (Sarvastivada School) held?

- Ans ☒ 1. Patliputra
☒ 2. Kashmir
☒ 3. Vallabhi
☒ 4. Rajagriha

Question ID : 5096474515
 Status : Answered
 Chosen Option : 1

Q.3 In 1991, who became the first woman prime minister of Bangladesh?

- Ans ☒ 1. Begum Khaleda Zia
☒ 2. Ivy Rahman
☒ 3. Roushan Ershad
☒ 4. Sheikh Haseena

Q.4 Which Article provides for 'equality of opportunity in matters of public employment'?

- Ans ☒ 1. Article 16
☒ 2. Article 15
☒ 3. Article 13
☒ 4. Article 14

Question ID : 5096474521
 Status : Not Answered
 Chosen Option : --

Q.5 Who won the National Squash Women's Singles title of 2018?

- Ans ☒ 1. Urvasi Joshi
☒ 2. Joshna Chinappa
☒ 3. Bhuvaneshwari Kumari
☒ 4. Dipika Pallikal Karthik

Q.6 Australia celebrates _____ January as Australia Day.

- Ans ☒ 1. 24th
☒ 2. 26th
☒ 3. 19th
☒ 4. 16th

Q.7 _____ is the capital city of Maldives.

- Ans
- ☒ 1. Lusaka
 - ☒ 2. Male
 - ☒ 3. Kampala
 - ☒ 4. Algiers

Question ID : 5096474517
Status : Answered
Chosen Option : 2

Q.8 Indian Agricultural Research Institute is located in _____.

- Ans
- ☒ 1. New Delhi
 - ☒ 2. Karnal
 - ☒ 3. Bangalore
 - ☒ 4. Chandigarh

Q.9 By which constitutional amendment territories of Goa, Daman and Diu were included into the Indian Union?

- Ans
- ☒ 1. 14th Constitutional Amendment Act, 1962
 - ☒ 2. 12th Constitutional Amendment Act, 1962
 - ☒ 3. 7th Constitutional Amendment Act, 1956
 - ☒ 4. 10th Constitutional Amendment Act, 1961

Question ID : 5096474520
Status : Answered
Chosen Option : 3

Q.10 What is the currency of Myanmar called?

- Ans
- ☒ 1. Won
 - ☒ 2. Manat
 - ☒ 3. Sterling
 - ☒ 4. Kyat

Section : English Language

Q.1 Select the most appropriate option to fill in the blank.

Mercury is the only metal that is liquid _____ room temperature.

- Ans ☒ 1. on
☒ 2. to
☒ 3. in
☒ 4. at

Question ID : 5096474532
 Status : Answered
 Chosen Option : 4

Q.2 Select the most appropriate antonym of the given word:

PRECEDE

- Ans ☒ 1. begin
☒ 2. succeed
☒ 3. chase
☒ 4. continue

Q.3 Select the most appropriate option to fill in the blank.

Prithvi has to be very organised as his work involves meeting tight _____.

- Ans ☒ 1. challenges
☒ 2. deadlines
☒ 3. schedules
☒ 4. commitments

Question ID : 5096474528
 Status : Answered
 Chosen Option : 4

Q.4 Select the idiom that best completes the sentence.

The minister must _____ about his plans of increasing water tax.

- Ans ☒ 1. become clean
☒ 2. try to be clean
☒ 3. make clean
☒ 4. come clean

Q.5 The sentence below has three segments. One of the segments may contain an error. Indicate that part. In case no parts have error, select the option 'No error'.

- A. When a fire broke out in the factory
 B. the workers had run out
 C. to save their lives
 D. No error

- Ans ☒ 1. D
☒ 2. C

- ☒ 3. A
☒ 4. B

Question ID : 5096474534
Status : Answered
Chosen Option : 4

Q.6 Select the most appropriate option to fill in the blank.

It is _____ to intend harm than to be indifferent.

- Ans ☒ 1. bad
☒ 2. more worse
☒ 3. more bad
☒ 4. worse

Q.7 Select the most appropriate option to fill in the blank.

The participants _____ a book kit before the course begins.

- Ans ☒ 1. were given
☒ 2. was given
☒ 3. is given
☒ 4. are given

Q.8 Select the most appropriate option to fill in the blank.

If someone looks at me straight in the eye without _____, I tend to think he is honest.

- Ans ☒ 1. flickering
☒ 2. winking
☒ 3. fluttering
☒ 4. blinking

Question ID : 5096474529
Status : Answered
Chosen Option : 4

Q.9 The sentence below has three segments. One of the segments may contain an error. Indicate that part. In case no parts have error, select the option 'No error'.

- A. We had to buy petrol
B. because there wasn't some
C. in the tank.
D. No error

- Ans ☒ 1. C
☒ 2. B
☒ 3. D

✗ 4. A

Question ID : 5096474533
Status : Answered
Chosen Option : 2

Q.1
0 Select the most appropriate synonym of the given word:

ACQUIRE

- Ans
- ✗ 1. give
 - ✗ 2. take
 - ✓ 3. obtain
 - ✗ 4. snatch