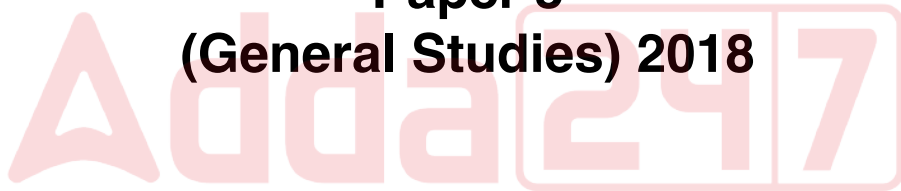


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Time Allowed : 3 Hours

(Objective)

Maximum Marks : 100

Read the following instructions carefully before you begin to answer the questions

IMPORTANT INSTRUCTIONS

1. This Question Booklet contains 100 questions in all.
2. All questions carry equal marks.
3. Attempt all questions.
4. Immediately after commencement of the examination, you should check up your Question Booklet and ensure that the Question Booklet Series is printed on the top right-hand corner of the Booklet. The Booklet contains 11 printed pages and no page or question is missing or unprinted or torn or repeated. If you find any defect in this Booklet, get it replaced immediately by a complete Booklet of the same series.
5. You must write your Roll Number in the space provided on the top of this page. Do not write anything else on the Question Booklet.
6. An Answer Sheet will be supplied to you separately by the Invigilator to mark the answers. You must write your Name, Roll No. and other particulars on the first page of the Answer Sheet provided, failing which your Answer Sheet will not be evaluated.
7. You will encode your Roll Number and the Question Booklet Series A, B, C or D as it is printed on the top right-hand corner of this Question Booklet with Black/Blue ballpoint pen in the space provided on Page-2 of your Answer Sheet. If you do not encode or fail to encode the correct series of your Question Booklet, your Answer Sheet will not be evaluated correctly.
8. Questions and their responses are printed in English only in this Booklet. Each question comprises four responses—(A), (B), (C) and (D). You are to select ONLY ONE correct response and mark in your Answer Sheet. In case you feel that there are more than one correct response, mark the response which you consider the best. In any case, choose ONLY ONE response for each question. Your total marks will depend on the number of correct responses marked by you in the Answer Sheet.
9. In the Answer Sheet, there are four brackets—(A), (B), (C) and (D) against each question. To answer the questions you are to mark with Black/Blue ballpoint pen ONLY ONE bracket as your choice for each question. Select one response for each question in the Question Booklet and mark in the Answer Sheet. If you mark more than one answer for one question, the answer will be treated as wrong. Any erasure or change is not allowed.
10. You should not remove or tear off any sheet from the Question Booklet. You are not allowed to take this Question Booklet and the Answer Sheet out of the Examination Hall during examination. After the examination has concluded, you must hand over your Answer Sheet to the Invigilator. Thereafter, you are permitted to take away the Question Booklet with you.
11. Failure to comply with any of the above instructions will render you liable to such action/penalty as the Commission may decide at their discretion.

- countries?
- (A) Nepal
(B) Pakistan
(C) Iran
(D) Sri Lanka
2. The maximum strength of members of the Lok Sabha is
- (A) 512
(B) 530
(C) 542
(D) 552
3. Brass gets tarnished in air due to the presence of which of the following gases in air?
- (A) Nitrogen
(B) Carbon dioxide
(C) Hydrogen sulfide
(D) Carbon monoxide
4. The gases used in welding are
- (A) oxygen and acetylene
(B) oxygen and hydrogen
(C) oxygen and nitrogen
(D) oxygen and methane
5. Nobel Peace Prize in 2018 was awarded to
- (A) Malala Yousafzai
(B) Denis Mukwege Mukengere and Nadia Murad
(C) Juan M. Santos
(D) K. Satyarthi
- (A) Washington, USA
(B) Tokyo, Japan
(C) Geneva, Switzerland
(D) London, UK
7. Sodium metal, being highly reactive is kept under
- (A) alcohol
(B) kerosene
(C) water
(D) petrol
8. 90% cases of 'goitre' are caused for the deficiency of
- (A) iodine
(B) vitamin A
(C) vitamin C
(D) protein
9. The height of the 'Statue of Unity' is
- (A) 38 meters
(B) 93 meters
(C) 182 meters
(D) 210 meters
10. P. V. Sindhu, winner of BWF world tour finals 2018 is associated with
- (A) tennis
(B) gymnastics
(C) weight lifting
(D) badminton

- (A) pea
- (B) broccoli
- (C) celery
- (D) lettuce

12. The temperature at which Celsius and Fahrenheit temperatures show the same value is

- (A) 0°
- (B) -25°
- (C) -37°
- (D) -40°

13. 'Laughing gas' is chemically

- (A) carbon dioxide
- (B) nitrous oxide
- (C) nitric oxide
- (D) sulphur dioxide

14. The correct statement(s) about Zika virus epidemic is/are

1. It was originated from forest of Brazil.
2. Vaccination is the only method for protection.
3. It is associated with neurological birth defects in children.
4. It spreads from infected chicken.

- (A) 1 and 2
- (B) 1 and 4
- (C) 3 only
- (D) 2 and 4

15. National Award on e-governance in 2015-16?

- (A) Employees' Provident Fund Organization
- (B) National Information Centre
- (C) Aadhaar Scheme
- (D) Pahal Scheme for LPG subsidy transfer

16. The full form of UPS in computer is

- (A) Uniform Power Supply
- (B) Uninterruptable Power Supply
- (C) Uninterrupted Power Supply
- (D) Uninterrupted Power Source

17. A hydrogen bomb creates devastating explosion because of

- (A) nuclear fission and nuclear fusion
- (B) nuclear fission
- (C) the use of cryogenic hydrogen
- (D) the use of ultrapressed hydrogen

18. The Director of ISRO Satellite Centre, Bengaluru appointed on April 01, 2015 is

- (A) U. Ramchandra Rao
- (B) P. S. Goel
- (C) M. Y. S. Prasad
- (D) Mayilsamy Annadurai

[P.T.O.]

during 2014–15 is

- (A) Ri Su Yong
- (B) Roh Tae Woo
- (C) Kim Jong II
- (D) Kim II Sung

20. The present chief coach of Indian cricket team is

- (A) Sunil Gavaskar
- (B) Ravi Shastri
- (C) Gary Kirsten
- (D) Kapil Dev

21. The first women IPS officer of India is

- (A) Isha Basant Joshi
- (B) Anna George
- (C) Kiran Bedi
- (D) Merin Joseph

22. The magnetic levitation train of which country set a world record of 603 km/hr?

- (A) France
- (B) China
- (C) Japan
- (D) Germany

23. 14th United Nations Congress on Crime Prevention and Criminal Justice will be held in 2020 in

- (A) Seoul, South Korea
- (B) New York, USA
- (C) London, UK
- (D) Kyoto, Japan

(A) Rapid Transfer Gross Scheme

(B) Rapid Transfer Gross Settlement

(C) Real Time Gross Settlement

(D) Real Time Gross Scheme

25. Swachh Bharat Mission was started on

- (A) 15th August, 2014
- (B) 2nd October, 2014
- (C) 27th June, 2015
- (D) 2nd October, 2015

26. The supersonic jet planes fly in which of the following layers of earth's atmosphere?

- (A) Mesosphere
- (B) Troposphere
- (C) Stratosphere
- (D) Thermosphere

27. Consumption of water with high concentration of arsenic leads to

- (A) Minamata disease
- (B) Blue-Baby disease
- (C) Itai-Itai disease
- (D) Black-Foot disease

28. The first State implementing fully organic farming practices in India is

- (A) Sikkim
- (B) Uttarakhand
- (C) Punjab
- (D) Kerala

29. The ozone depleting substance is
(A) carbon dioxide
(B) chlorofluorocarbons (CFCs)
(C) hydrofluorocarbons (HFCs)
(D) ammonia
30. The element with highest electrical conductivity is
(A) germanium
(B) copper
(C) silver
(D) gold
31. Which of the following research stations is **not** located in Antarctica?
(A) Himgiri
(B) Himadri
(C) Bharti
(D) Maitri
32. To donate money to the drought-affected farmers, Naam Foundation was created by
(A) Rajesh Khanna
(B) Amitabh Bachchan
(C) Nana Patekar
(D) Dilip Kumar
33. The venue selected for Commonwealth Games to be held in the year 2022 is
(A) Birmingham
(B) Gold Coast
(C) Incheon
(D) Durban
34. Which of the following is **not** in the list of World Heritage Sites of UNESCO?
(A) Mughal Gardens in Kashmir
(B) Rani ki Vav in Gujarat
(C) Nalanda in Bihar
(D) Jantar Mantar in Jaipur
35. The first airport powered by solar energy was
(A) Bangalore
(B) Kochi
(C) London
(D) Frankfurt
36. Okhla Bird Sanctuary is located in
(A) Jaipur
(B) Gurugram
(C) Bharatpur
(D) Noida
37. The element found on the surface of the moon is
(A) copper
(B) gold
(C) platinum
(D) titanium
38. The Chief Election Commissioner of India is appointed by the
(A) Parliament
(B) Prime Minister
(C) President
(D) Chief Justice of the Supreme Court

39. The 'Bibi Ka Maqbara', a tomb of Aurangzeb's wife is situated in
(A) Lucknow
(B) New Delhi
(C) Agra
(D) Aurangabad
40. The devastating floods and landslides, which left 3 lakh pilgrims and tourists trapped in Uttarakhand was in
(A) May 2013 (B) June 2014
(C) June 2015 (D) July 2015
41. 'Regatta' is associated with
(A) Swimming
(B) Table Tennis
(C) Rowing
(D) Polo
42. Approximately how much of the earth surface is covered by forests?
(A) 10% (B) 20%
(C) 30% (D) 40%
43. The largest automobile manufacturing unit in the world is located in
(A) Detroit, USA
(B) Ulsan, South Korea
(C) Oguchi, Japan
(D) San Antonio, Texas, USA
44. 'Dadasaheb Phalke Award', the highest award in Indian cinema was awarded in 2017 to
(A) Raj Kapoor
(B) Vinod Khanna
(C) Manoj Kumar
(D) Shashi Kapoor
45. The biggest lake in India is
(A) Chilika lake
(B) Dal lake
(C) Lake Pichola
(D) Kolleru lake
46. On adding some detergent to water, the surface tension
(A) decreases
(B) remains same
(C) increases
(D) initially decreases then increases
47. The first country in which Buddhism was propagated outside India is
(A) Japan
(B) China
(C) South Korea
(D) Sri Lanka
48. The maximum length permitted for a cricket bat is
(A) 25 inches
(B) 28 inches
(C) 32 inches
(D) 35 inches
49. To deliver mails efficiently, the country is divided in PIN Code zones. The number of PIN Code zones is
(A) 4 (B) 8
(C) 12 (D) 16
50. The green flame produced in fire-works is due to the presence of
(A) chromium (B) barium
(C) calcium (D) lithium

51. The atomic power station built indigenously is in
(A) Tarapur
(B) Narora
(C) Kalpakkam
(D) Rawatbhata
52. The State in India that produces saffron is
(A) Meghalaya
(B) Himachal Pradesh
(C) Assam
(D) Jammu and Kashmir
53. The planet nearest to the earth is
(A) Mercury
(B) Mars
(C) Venus
(D) Jupiter
54. 'World Yoga Day' is celebrated on
(A) May 01
(B) June 01
(C) July 21
(D) June 21
55. 'Tehri Dam', a controversial dam was built over the river
(A) Bhagirathi
(B) Ganga
(C) Godavari
(D) Narmada
56. 'Kaziranga' National Park, famous for rhinoceros is in the State
(A) Sikkim
(B) Bihar
(C) Assam
(D) Tamil Nadu
57. The city known as 'Manchester of South India' is
(A) Bangalore
(B) Coimbatore
(C) Madurai
(D) Thiruvananthapuram
58. The unit of sound is
(A) hertz
(B) wave number
(C) decibel
(D) cm^{-1}
59. The minimum age required to become 'President' of India is
(A) 21 years
(B) 25 years
(C) 35 years
(D) 45 years
60. LPG (Liquified Petroleum Gas) is a mixture of
(A) methane and propane
(B) ethane and propane
(C) butane and propane
(D) propane and hexane

61. 'Anemometer' is an instrument used for measuring the
(A) wind speed
(B) light speed
(C) sound speed
(D) temperature
62. The first railway university in India is to come up in
(A) Gujarat
(B) Bengal
(C) Uttar Pradesh
(D) Karnataka
63. The country which has agreed to export petroleum and oil against payment in Rupee instead of Dollar is
(A) Iran
(B) Iraq
(C) Libiya
(D) UAE
64. The toxic element present in automobile exhausts is
(A) copper
(B) iron
(C) lead
(D) tin
65. The chemical used for making tooth pastes white is
(A) calcium carbonate
(B) sodium carbonate
(C) titanium dioxide
(D) zinc oxide
66. The metal used in the making of microchips is
(A) copper
(B) iron
(C) titanium
(D) silicon
67. The central metal atom in chlorophyll is
(A) calcium
(B) copper
(C) iron
(D) magnesium
68. The present Chief Justice of the Supreme Court is
(A) H. J. Kania
(B) Ranjan Gogoi
(C) Dipak Mishra
(D) N. V. Ramana
69. The currency of South Korea is
(A) Won
(B) Lira
(C) Yen
(D) Renminbi
70. The 'Pakyong Airport' recently opened is in
(A) Sikkim
(B) Assam
(C) Meghalaya
(D) West Bengal

71. The Statue of Liberty was gifted to the United States of America by
(A) Australia
(B) England
(C) France
(D) Japan
72. The atom bomb dropped on Hiroshima in the year 1954 is known as
(A) Baby Boy
(B) Enola Gay
(C) Black Boy
(D) Little Boy.
73. Who among the following was **not** awarded 'Bharat Ratna'?
(A) Govind Ballabh Pant
(B) M. Visvesvaraya
(C) Rajendra Prasad
(D) Ch. Charan Singh
74. The disease 'bronchitis' is associated with
(A) heart
(B) lungs
(C) kidney
(D) throat
75. The best source of protein among the following is
(A) rice
(B) wheat
(C) soybean
(D) corn
76. The disease, which is **not** transmitted from one person to another is
(A) cirrhosis
(B) hepatitis B
(C) syphilis
(D) AIDS
77. The Chief Minister of Rajasthan is
(A) Ashok Gehlot
(B) Sachin Pilot
(C) Kamal Nath
(D) Bhupesh Baghel
78. The city and country **not** matched among the following is
(A) Florence—Italy
(B) Nice—France
(C) Frankfurt—Australia
(D) Istanbul—Turkey
79. The hardest substance among the following is
(A) graphite
(B) diamond
(C) platinum
(D) iron
80. One barrel of oil is approximately equal to
(A) 100 litres
(B) 159 litres
(C) 225 litres
(D) 310 litres

- universities is Alma mater of seven American Presidents?
- (A) Harvard
 - (B) Michigan
 - (C) Oklahoma
 - (D) Yale
82. An IP address is having
- (A) 8 bits
 - (B) 16 bits
 - (C) 24 bits
 - (D) 32 bits
83. An action by using mouse in a computer can be opened by
- (A) clicking right button
 - (B) clicking left button
 - (C) double clicking right button
 - (D) double clicking left button
84. Excessive alcohol consumption depletes cellular
- (A) sodium
 - (B) potassium
 - (C) magnesium
 - (D) iron
85. The Minister of Human Resource Development in India is
- (A) Rajnath Singh
 - (B) Prakash Javadekar
 - (C) Nitin Jairam
 - (D) Suresh Prabhu
- Research Institute is situated in
- (A) Andhra Pradesh
 - (B) Madhya Pradesh
 - (C) Punjab
 - (D) Tamil Nadu
87. Diesel locomotives are manufactured at
- (A) New Delhi
 - (B) Kapurthala
 - (C) Varanasi
 - (D) Chennai
88. 'Rohtang Pass', a high mountain pass is situated in
- (A) Jammu and Kashmir
 - (B) Punjab
 - (C) Himachal Pradesh
 - (D) Arunachal Pradesh
89. The 'McMahon Line' is a border line between
- (A) China and India
 - (B) Pakistan and India
 - (C) China and Afghanistan
 - (D) Pakistan and Iran
90. To save electricity LEDs are preferred over conventional bulbs. The full form of LED is
- (A) Light Energy Device
 - (B) Light Emitting Diode
 - (C) Light Emitting Device
 - (D) Light Energy Diode

90. The Silicon valley of India is a nick name of which city?
- Gurugram
 - Hyderabad
 - Bengaluru
 - Pune
91. Out of the five rings symbol of Olympic games, which of the following colours is **not** present?
- Pink
 - Yellow
 - Green
 - Blue
92. 'Fly-ash', a well-known pollutant is produced by
- oil refinery
 - fertilizer plant
 - cement plant
 - thermal power plant
93. The ratio between mile and kilometer is
- 1:1.1
 - 1:1.2
 - 1:1.4
 - 1:1.6
94. The blood pressure of a normal person should be
- 140/90 mm
 - 130/80 mm
 - 120/80 mm
 - 100/60 mm
95. The deficiency of which vitamin causes night blindness?
- Vitamin A
 - Vitamin B₁
 - Vitamin C
 - Vitamin E
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 - Yellow
 - Green
 - Blue
98. Which of the following countries will organize next Summer Olympic Games in the year 2020?
- USA
 - Japan
 - Germany
 - Canada
99. India is purchasing Rafale Fighter Jet from
- Italy
 - France
 - England
 - Russia
100. A substance absorbs moisture on exposure to air. This property is called as
- desiccation
 - osmosis
 - efflorescence
 - deliquescence
