

## General Studies

Time Allowed: One & Half Hours

Maximum Marks: 100

### INSTRUCTIONS

**DO NOT OPEN THIS QUESTION BOOKLET SEAL UNTIL YOU ARE TOLD TO DO SO**

1. Immediately after the receipt of Test Booklet, you should check that it does not have any unprinted or torn or missing pages or items, etc. If so, get it replaced by a complete Test Booklet.
2. Write your Roll Number on the Test Booklet in the Box provided alongside. **DO NOT** write anything else on the Test Booklet.
3. This Test Booklet contains **100 items** (questions). Each item comprises four responses (answers) written as (a), (b), (c) and (d). You will select the response which you feel is correct and want to mark on the Answer Sheet.
4. You have to mark all your responses **ONLY** on the separate Answer Sheet provided. Also read the directions in the Answer Sheet. Fill in all the entries in the Answer Sheet correctly, failing which your Answer Sheet shall not be evaluated.
5. All items carry equal marks.
6. After you have completed filling in all your responses on the Answer Sheet and the examination has concluded, you should hand over to the Invigilator only the Answer Sheet (in original). **You are permitted to take away 2<sup>nd</sup> copy of OMR Answer Sheet and the Test Booklet.**
7. Sheets for rough work are appended in the Test Booklet at the end.
8. **There will be NO PENALTY for wrong answers.**

SEAL

**“Mobile phones, calculators, IT gadgets and any other communication device such as Bluetooth etc. are not allowed inside the premises where the examination is being conducted. Any infringements of these instructions shall entail disciplinary action including ban from future examinations.”**

1. Snowfall occurs when:
  - (a) Water droplets freeze as they fall to the ground
  - (b) Raindrops are carried up by up draughts in air
  - (c) Dew point of air is below freezing point
  - (d) Air is highly moist and rises due to convection
2. One of the regions that receives rainfall from the north-easterly monsoon is:
  - (a) Assam                      (b) Punjab
  - (c) West Bengal              (d) Tamil Nadu
3. In which part of India are thorn forests commonly found?
  - (a) Malabar Coast
  - (b) Assam and Meghalaya
  - (c) Rajasthan and Gujarat
  - (d) Terai region
4. Which two iron and steel plants have been established with Soviet collaboration?
  - (a) Jamshedpur and Rourkela
  - (b) Durgapur and Bokaro
  - (c) Bhilai and Durgapur
  - (d) Bokaro and Bhilai
5. As per Census 2011, which State has the lowest density of population?
  - (a) Jammu & Kashmir
  - (b) Rajasthan
  - (c) Nagaland
  - (d) Arunachal Pradesh
6. The President's rule can be imposed in a State on account of failure of constitutional machinery under:
  - (a) Article 356                  (b) Article 361
  - (c) Article 371                  (d) Article 379
7. The impact of Green Revolution was felt most in the case of:
  - (a) Wheat                      (b) Rice
  - (c) Pulses                      (d) Oil seeds
8. The best conductor of heat among liquids is:
  - (a) Water                      (b) Mercury
  - (c) Ether                      (d) Alcohol
9. Sound travels at maximum speed in:
  - (a) Vacuum                    (b) Air
  - (c) Water                      (d) Steel
10. A, B, C, D are four consecutive odd integers and their average is 42. What is the product of B and D?
  - (a) 1860                      (b) 1890
  - (c) 1845                      (d) 1677
11. A number when divided by 6 leaves a remainder 3. When the square of the same number is divided by 6, the remainder will be:
  - (a) 0                              (b) 1
  - (c) 2                              (d) 3
12. The capacity of two pots is 120 litres and 56 litres respectively. The capacity of a container which can exactly measure the contents of the two pots, will be:
  - (a) 7500 c.c.                  (b) 7850 c.c.
  - (c) 8000 c.c.                  (d) 9500 c.c.

13.  $5\frac{5}{6} \times 6\frac{3}{7} + 5\frac{1}{2} = ?$

- (a) 40 (b) 40.5  
(c) 42.5 (d) 43

14. A part of monthly expenses of a family is constant and the remaining varies with the price of wheat. When the rate of wheat is Rs. 250 per quintal, the total monthly expenses of the family are Rs. 1000 and when it is Rs. 240 per quintal, the total monthly expenses are Rs. 980. The total monthly expenses of the family when the cost of wheat is Rs. 350 per quintal, are:

- (a) Rs. 800 (b) Rs. 1000  
(c) Rs. 1200 (d) Rs. 1400

15. The average of marks scored by the students of a class is 68. The average of marks of the girls in the class is 80 and that of boys is 60. What is the percentage of boys in the class?

- (a) 40% (b) 60%  
(c) 65% (d) 70%

16. There were 35 students in a hostel. If the number of students be increased by 7, the expenditure on food increases by Rs. 42 per day while the average expenditure of students is reduced by Re. 1. What was the initial expenditure on food per day?

- (a) Rs. 432 (b) Rs. 442  
(c) Rs. 420 (d) Rs. 400

17. Out of 100 students, 50 failed in English and 30 in Mathematics. If 12 students fail in both English and Mathematics, then the number of students who passed in both the subjects is:

- (a) 26 (b) 28  
(c) 30 (d) 32

18. A shopkeeper gives two successive discounts on an article marked Rs. 450. The first discount given is 10%. If the customer pays Rs. 344.25 for the article, the second discount given is:

- (a) 10% (b) 12%  
(c) 14% (d) 15%

19. The ratio of incomes of A and B is 5: 3 and that of their expenditure is 9: 5. If they save Rs. 2600 and Rs. 1800 respectively, then their incomes are:

- (a) Rs. 9000, Rs. 5400  
(b) Rs. 10000, Rs. 6000  
(c) Rs. 6000, Rs. 3600  
(d) Rs. 8000, Rs. 4800

20. A man, a woman and a boy together complete a piece of work in 3 days. If a man alone can do it in 6 days and a boy alone in 18 days, how long will a woman take to complete the work?

- (a) 9 days (b) 21 days  
(c) 24 days (d) 27 days

21. A train traveled distances of 10 km, 20 km and 30 km at speeds of 50 km/hr, 60 km/hr and 90 km/hr respectively. The average speed of the train was:

- (a) 60 km/hr (b) 66.67 km/hr  
(c) 69.23 km/hr (d) 68 km/hr

22. A sum of money amounts to Rs. 5200 in 5 years and to Rs. 5680 in 7 years at simple interest. The rate of interest per annum is:

- (a) 3% (b) 4%  
(c) 5% (d) 6%

23. Which one of the following States does not share boundary with Chhattisgarh?
- (a) Uttar Pradesh (b) Bihar  
(c) Odisha (d) Telangana
24. Free and compulsory education under Right to Education Act 2009 is provided to the children of the Age:
- (a) 6-14 years (b) 5-12 years  
(c) 7-15 years (d) 4-16 years
25. What is the correct sequence of atmospheric zones upward from the earth's surface?
- (a) Troposphere, Stratosphere, Mesosphere, Thermosphere  
(b) Thermosphere, Mesosphere, Stratosphere, Troposphere  
(c) Stratosphere, Troposphere, Mesosphere, Thermosphere  
(d) Troposphere, Mesosphere, Thermosphere, Stratosphere
26. Which one of the following pairs (Automobile manufacturer-Country) is not correctly matched?
- (a) Volkswagen - Germany  
(b) Mahindra - India  
(c) Mitsubishi - South Korea  
(d) Volvo - Sweden
27. Under Sukanya Samridhi Yojana, the parents of any girl child below 10 years can open a savings account of their daughter and operate it till she attains an age of:
- (a) 18 years (b) 20 years  
(c) 21 years (d) 25 years
28. Which one of the following teams has won Indian Premier League (IPL)-2016?
- (a) Gujarat Lions  
(b) Sunrisers Hyderabad  
(c) Royal Challengers Bengaluru  
(d) Kolkata Knight Riders
29. Barak river, one of the major rivers of South Assam and a part of the Surma-Meghna River System originates from:
- (a) Senapati (b) Tamenglong  
(c) Ukhrul (d) Silchar
30. During which of the following operating conditions of an automobile, carbon monoxide content in the exhaust gas is maximum?
- (a) Deacceleration (b) Idle running  
(c) Cruising (d) Acceleration
31. What is the full form of the term JPEG often used in photography?
- (a) Joint Photographic Experts Group  
(b) Jellied Photo Exposure Grade  
(c) Joint Portable Electromagnetic Graphics  
(d) Japanese Prontor Electromagnetic Grid
32. Who has won the 2016 French Open title in the men's singles category?
- (a) Novak Djokovic (b) David Ferrer  
(c) Andy Murray (d) Feliciano López
33. The Union Carbide India Ltd., Bhopal used to manufacture:
- (a) Leather Goods (b) Heavy Water  
(c) Petrochemicals (d) Fertilizers

34. Department of Official Language comes under:
- Ministry of Culture
  - Ministry of Home Affairs
  - Ministry of Human Resource Development
  - Ministry of Communication & Information Technology
35. What is the full form of IMEI?
- International Mobile Equipment Identity
  - Internet Mobile Enabled Identification
  - Internal Message Encoded Identity
  - Integrated Magnetic Embedded Identification
36. What is the full form of NEROCA?
- North Eastern Re-Organizing Cultural Association
  - North Eastern Regional Cooperation Association
  - North East Regional Organization for Cultural Association
  - North Eastern Region Olympic Coordination Authority
37. Which of the following is not a deficiency disease?
- Goitre
  - Typhoid
  - Marasmus
  - Kwashiorkor
38. Wine, an alcoholic beverage is extracted from:
- Apple
  - Potato
  - Grapes
  - Barley
39. Clove and saffron are obtained from which part of plant?
- Flower
  - Root
  - Seed
  - Leaf
40. The English & Foreign Languages University is located at:
- Kolkata
  - Hyderabad
  - Mumbai
  - Bengaluru
41. Water has maximum density at:
- 0° C
  - 4° C
  - 32° C
  - 100° C
42. A keyboard is this kind of device:
- Black
  - Input
  - Output
  - Word Processing
43. World Environment Day is celebrated on:
- 5<sup>th</sup> June
  - 7<sup>th</sup> July
  - 21<sup>st</sup> September
  - 30<sup>th</sup> March
44. The rectangular area of the computer screen that displays a programme, data, and/or information is a:
- Title Bar
  - Button
  - Dialogue Box
  - Window
45. The process of a computer receiving information from a server on the Internet is known as:
- Pulling
  - Pushing
  - Downloading
  - Transferring
46. Promotion in marketing means:
- Passing an examination
  - Elevation from one grade to another
  - Selling the product through various means
  - Selling the product in specific areas

47. MS-Word is an example of:
- Operating System
  - Application Software
  - Processing Device
  - Input Device
48. CD-ROM stands for:
- Compactable Read Only Memory
  - Compact Data Read Only Memory
  - Compatible Disc Read Only Memory
  - Compact Disc Read Only Memory
49. MP3 is a:
- Sound Format
  - Voice Command
  - Print Format
  - Picture Format
50. In MICR, C stands for:
- Code
  - Colour
  - Computer
  - Character
51. BIOS is the abbreviation for:
- Basic Input Output System
  - Bilingual Input Output System
  - Basic Input Output Symbol
  - Binary Input Output System
52. Full form of URL is:
- Uniform Resource Locator
  - Uniform Registered Link
  - Universal Resource Link
  - Unified Resource Library
53. In which of the following forms, data is stored in a computer?
- Decimal
  - Binary
  - Hexadecimal
  - Octal
54. Which of the following is not an Operating System?
- UNIX
  - LINUX
  - WINDOWS
  - JAVA
55. In a Computer, which of the following converts AC to DC?
- POST
  - Adapter
  - RAM
  - SMPS
56. Who of the following are the founder of Whatsapp?
- Jan Koum and Brian Acton
  - Andrew McCollum and Chris Hughes
  - Bill Gates and Paul Allen
  - Larry Page and Sergey Brin
57. What is NIC?
- National Integrated Computer
  - Network Interface Card
  - Network Interface Circuit
  - National Internet Card
58. Google was set up in the year:
- 1995
  - 1984
  - 1998
  - 1991

59. RDBMS stands for:
- Relational Data Base Management System
  - Regional Data Base Management System
  - Router Data Bank Management System
  - Resource Divisional Broadband Management System
60. File Extensions are used in order to:
- Name the file
  - Ensure the file name is not lost
  - Identify the file type
  - Secure the file
61. 1 (one) Byte equals:
- 16 Bit
  - 64 Bit
  - 10 Bit
  - 8 Bit
62. Computers on the Internet are identified by:
- E-mail Address
  - IP Address
  - GPS Coordinates
  - None of the above
63. Which of the Operating System is used on Mobile Phones?
- Windows Vista
  - Android
  - Windows XP
  - All of the above
64. While sending an email, the \_\_\_\_\_ describes the contents of the message:
- Subject
  - To
  - CC
  - Body
65. \_\_\_\_\_ are often delivered to a Computer through an email attachment and are often designed to do harm.
- Viruses
  - Spam
  - E-mail Messages
  - Portals
66. The Information Technology Act was enacted on:
- 19<sup>th</sup> January, 2001
  - 30<sup>th</sup> June, 2001
  - 9<sup>th</sup> June 2000
  - 15<sup>th</sup> July, 1999
67. The 'home page' of a website is:
- The largest page
  - The first page
  - The last page
  - Source Code
68. Which one of the following is the most reactive metal?
- Fe
  - Zn
  - K
  - Na
69. Under the PIN Code system, the number of Postal Zones in India are:
- 7
  - 8
  - 6
  - 9

70. Who of the following has not been the Governor of Manipur?
- (a) Syed Ahmed  
(b) Margaret Alva  
(c) Gurbachan Jagat  
(d) Ved Marwah
71. The CAG (Comptroller & Auditor General of India) is appointed by the President. He can be removed:
- (a) By the President  
(b) By the Supreme Court  
(c) By the Supreme Court on the recommendation of the President  
(d) Once appointed, he cannot be removed until his tenure is completed
72. Who wrote National Anthem of India?
- (a) Bankimchandra Chatterjee  
(b) C. Rajagopalachari  
(c) Rabindranath Tagore  
(d) S. Radhakrishnan
73. Which of the following pairs [Port-Country] is incorrect?
- (a) Gwadar – Pakistan  
(b) Sittwe – Thailand  
(c) Chittagong – Bangladesh  
(d) Hambantota – Sri Lanka
74. Murlen National Park is located in:
- (a) Arunachal Pradesh  
(b) Mizoram  
(c) Meghalaya  
(d) Assam
75. Which of the following States does not have International Border?
- (a) Tripura  
(b) Mizoram  
(c) Sikkim  
(d) Odisha
76. The Northeast Frontier Railway is headquartered at:
- (a) New Jalpaigudi  
(b) Cooch Behar  
(c) Maligaon  
(d) Dibrugarh
77. Altogether, how many seats are reserved in Rajya Sabha for the seven north-eastern States of India—Arunachal Pradesh, Assam, Manipur, Meghalaya, Mizoram, Nagaland and Tripura?
- (a) 19  
(b) 32  
(c) 25  
(d) 48
78. Actinometer is used to measure:
- (a) Heating power of sunlight  
(b) Alcoholic strength of liquids  
(c) Electric current  
(d) Specific gravity of liquids
79. Commonwealth Games-2018 will be hosted by:
- (a) UK  
(b) Australia  
(c) India  
(d) Singapore
80. The Almaty Dam is a hydroelectric project on which river?
- (a) Krishna  
(b) Cauvery  
(c) Godavari  
(d) Tungabhadra



81. What does a person suffering from algophobia fear?  
 (a) Maths (b) Pain  
 (c) Public Speaking (d) Sea Weeds
82. Which part of human body does pneumonia affect?  
 (a) Brain (b) Heart  
 (c) Lungs (d) Kidneys
83. Which one of the following is not a cereal?  
 (a) Maize (b) Sorghum  
 (c) Barley (d) Pea
84. National Environmental Engineering Research Institute is located at:  
 (a) Nagpur (b) Bengaluru  
 (c) Dehradun (d) Ranchi
85. Who is known as the Father of Local Self Government?  
 (a) Lord Curzon (b) Lord Rippon  
 (c) Vinoba Bhave (d) Lord Irwin
86. Quit India Movement was started in the year:  
 (a) 1941 (b) 1942  
 (c) 1943 (d) 1945
87. Where did Lord Buddha deliver his first Sermon?  
 (a) Sarnath (b) Gaya  
 (c) Kushinagar (d) Patliputra
88. Mount Iso, the highest peak of Manipur is located in:  
 (a) Ukhrul (b) Senapati  
 (c) Tamenglong (d) Churachandpur
89. Which planet is called Dwarf Planet?  
 (a) Venus (b) Mercury  
 (c) Pluto (d) Jupiter
90. In which direction does the earth rotate around its axis?  
 (a) West to east (b) East to west  
 (c) North to south (d) None of the above
91. Who is the new Chief of Naval Staff of Indian Navy?  
 (a) Arup Raha (b) Sunil Lamba  
 (c) D.K. Joshi (d) P.P. Khandekar
92. What happens when a ship crosses International Date Line from west to east?  
 (a) It gains one day  
 (b) It loses one day  
 (c) It loses 10 hours  
 (d) It gains four and half hours
93. Amrit Diwan Cup is associated with:  
 (a) Badminton (b) Polo  
 (c) Hockey (d) Volleyball
94. Loudness of sound depends upon \_\_\_\_\_ of the sound wave.  
 (a) Frequency (b) Amplitude  
 (c) Pitch (d) Wavelength
95. The colours of stars depend on:  
 (a) Distance  
 (b) Atmospheric Pressure  
 (c) Temperature  
 (d) None of the above

96. What does stomach acid mostly consist of?

- (a) Acetic Acid
- (b) Ascorbic Acid
- (c) Hydrochloric Acid
- (d) Sulphuric Acid

97. Which of the following principles is associated with Optical Fibre?

- (a) Scattering
- (b) Interference
- (c) Total Internal Reflection
- (d) Refraction

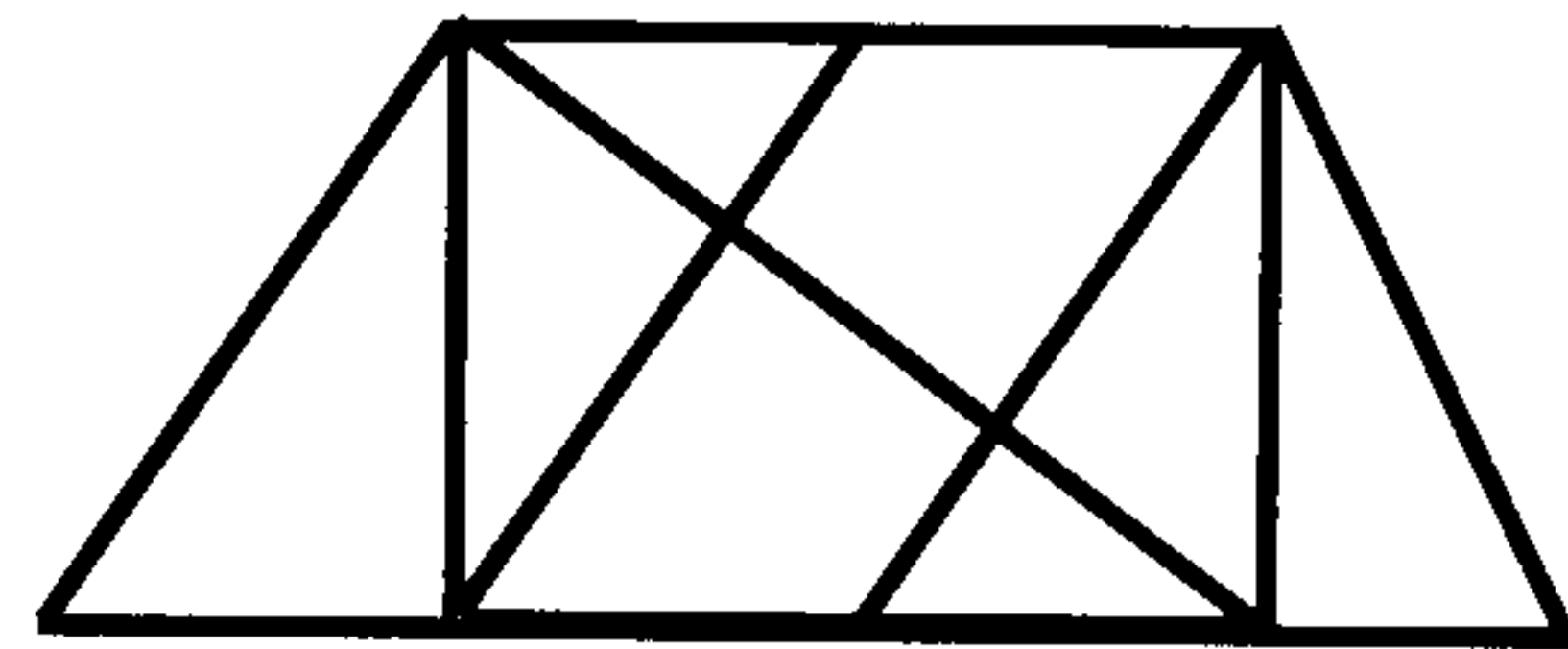
98. Ball pen functions on the principle of:

- (a) Lenz's law
- (b) Surface tension
- (c) Doppler effect
- (d) Gravitational force

99. Which one of the following pairs [Country-Capital] is incorrect?

- (a) Libya - Tripoli
- (b) Turkey - Ankara
- (c) Myanmar - Naypyidaw
- (d) Laos - Phnom Penh

100. Find the number of triangles in the given figure.



- (a) 8
- (b) 10
- (c) 12
- (d) 14

Adda247

UPSC