

QUESTION BOOKLET

Booklet Serial No.:

Roll No:

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Time Allowed: 02 Hours

Total Marks: 100

DO NOT OPEN THE QUESTION BOOKLET UNTIL YOU ARE ASKED TO DO SO

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

INSTRUCTIONS TO CANDIDATE

- 1) You are required to write your Roll Number in the prescribed place provided at the top of this **Question Booklet** and **OMR Answer Sheet**.
- 2) Please ensure that the Question Booklet has the required number of pages immediately after opening the same. In case there is any shortage of any page(s), please report the same to the invigilator.
- 3) This Question Booklet consists of 100 multiple choice questions to be answered in a separate **OMR ANSWER SHEET** using **Blue/Black Ball Pen**.

Do Not Use Ink/Gel Pen.

- All questions are compulsory and carry equal marks.
- There is no negative marking for wrong answers.

Directions for answering the questions:

Each question is followed by four alternative suggested answers. You are required to select the correct answer and darken the appropriate circle of A, B, C and D by Blue/ Black ball pen in such a manner that the circle is completely darkened.

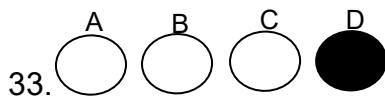
Example: Question No.33

Given below are four odd words, three are alike in some way and one is different. Find the odd word:

- (A) Cricket (B) Hockey
(C) Football (D) Chess

Here the correct answer is **Chess (indoor game)** i.e., (D).

So, in the OMR Answer Sheet the darkened circle should be marked as



- 4) In any case, if more than one circle against each question in the OMR sheet is darkened, that particular question would be treated as invalid and will not be evaluated.
- 5) At the end of the examination, the candidate should ensure that he/she submits the OMR Answer Sheet and Question Booklet to the Invigilator before leaving the Examination Hall / room.
- 6) No rough work is to be done on the OMR Answer Sheet. You can do the rough work on the space provided on the Question Booklet.
- 7) Use and possession of mobile phones, smart watches and calculators are strictly prohibited inside examination hall/ room.
- 8) **Non-compliance with any of the above instructions will make a candidate liable to action/ penalty as may be deemed fit.**

SPACE FOR ROUGH WORK

Direction (1-5): Choose the correct meaning of the following idioms and proverbs.

1. "To steal someone's thunder" means:
(A) To take credit for another's idea (C) To imitate poorly
(B) To silence criticism (D) To cause a storm
2. "To throw the baby out with the bathwater" means:
(A) To act recklessly
(B) To abandon responsibility
(C) To discard something valuable along with the unwanted
(D) To overreact
3. "To cross the Rubicon" means:
(A) To travel far (C) To risk lightly
(B) To betray trust (D) To make an irreversible decision
4. "To keep the wolf from the door" means:
(A) To protect family (C) To guard against enemies
(B) To maintain enough resources to survive (D) To prevent gossip
5. "To throw one's hat into the ring" means:
(A) To enter a competition (C) To protest
(B) To surrender (D) To withdraw

Direction (6-10): The following sentences may have errors. Choose the most appropriate option in case of errors, else choose "No error".

6. Despite of being late, he managed to finish the project in time.
(A) In spite of being late, he managed finishing the project in time
(B) Despite of being late, he managed finishing the project in time
(C) Despite being late, he managed to finish the project in time
(D) No error
7. Neither the teacher nor the students was aware of the sudden announcement.
(A) Neither the teacher nor the students were aware of the sudden announcement
(B) Neither teacher nor the students were aware of the sudden announcement
(C) Neither the teacher nor students was aware of the sudden announcement
(D) No Error
8. The committee, which consists of five members, has decided to resign today
(A) The committee, which consist of five members, have decided to resign today.
(B) The committee, consisting of five members, have decided to resign today
(C) The committee, consisting of five members, has decided to resign today
(D) No Error
9. The data, which was collected from surveys, have been analysed thoroughly.
(A) The data, which was collected from surveys, has been analysed thoroughly
(B) The data, which were collected from surveys, have been analysed thoroughly
(C) The data, which were collected from surveys, has been analysed thoroughly
(D) No error
10. Each of the candidates, along with supporters, was present at the rally
(A) Each of the candidates, along with supporters, were present at the rally.
(B) Each of the candidate, along with supporters, were present at the rally.
(C) Each candidate, along with supporters, were present at the rally
(D) No error

Direction (11-15): Choose the most appropriate one-word substitute for the following-

11. A person who can speak many languages is admired by all.
(A) Polyglot (C) Interpreter
(B) Multilingual (D) Scholar
12. He never believes in the existence of God.
(A) Agnostic (C) Atheist
(B) Skeptic (D) Rationalist
13. A person who is indifferent to pleasure or pain.
(A) Ascetic (C) Hermit
(B) Stoic (D) Mystic
14. She is one who pretends to be what she is not.
(A) Pretender (C) Actor
(B) Charlatan (D) Hypocrite
15. He is a person who eats too much and too often.
(A) Glutton (C) Epicure
(B) Gourmet (D) Hedonist
16. The strait that separates Europe from Asia is:
(A) Bering Strait (C) Gibraltar Strait
(B) Bosporus Strait (D) Malacca Strait
17. Which of the following country is not from Africa?
(A) Tunisia (C) Kenya
(B) Ghana (D) Peru
18. If you fly directly from **Tokyo (Japan)** to **Los Angeles (USA)**, which ocean do you cross?
(A) Atlantic Ocean (C) Pacific Ocean
(B) Indian Ocean (D) Arctic Ocean
19. Which country has the largest Islamic population in the world?
(A) Saudi Arabia (C) Indonesia
(B) Pakistan (D) India
20. The country with the highest number of time zones is-
(A) USA (C) France
(B) Canada (D) Russia
21. The 2026 FIFA World Cup is hosted by-
(A) Qatar (C) USA, Canada & Mexico
(B) France (D) Spain
22. The 2026 Winter Olympics will be held in-
(A) Japan (C) Italy
(B) China (D) Norway
23. The Volcán de Fuego eruption (2026) affected-
(A) Honduras (C) Guatemala
(B) Panama (D) Mexico
24. The Great Wall of China was primarily built to protect against-
(A) Mongols (C) Romans
(B) Persians (D) Turks

25. The Opium Wars (1839–42, 1856–60) were fought between-
 (A) China and USA (C) China and Britain
 (B) China and France (D) China and Japan
26. The first capital of the Ahom kingdom was-
 (A) Jorhat (C) Sivasagar
 (B) Charaideo (D) Guwahati
27. The present Governor of Assam (2026) is-
 (A) Shri Lakshman Prasad Acharya (C) Gulab Chand Kataria
 (B) Jagdish Mukhi (D) Banwarilal Purohit
28. Who is called the “Sahityarathi” (Charioteer of Assamese Literature)?
 (A) Hemchandra Goswami (C) Padmanath Gohain Baruah
 (B) Lakshminath Bezbaroa (D) Amulya Barua
29. The Sahitya Akademi Award (Assamese, 2025) was given to-
 (A) Hiren Gohain (C) Homen Borgohain
 (B) Arupa Patangia Kalita (D) Devabrat Das
30. The autobiography Moi Eti Jajabor was written by-
 (A) Hiren Bhattacharyya (C) Birinchi Kumar Barua
 (B) Dr. Bhupen Hazarika (D) Lakshminath Bezbaroa
31. The diagonals of a rhombus are 24 cm and 10 cm. Find its area.
 (A) 180 cm^2 (C) 48 cm^2
 (B) 120 cm^2 (D) 240 cm^2
32. A rectangular lawn is $50 \text{ m} \times 40 \text{ m}$. A path of width 5 m runs inside along all four sides. Find the area of the path.
 (A) 2000 m^2 (C) 800 m^2
 (B) 1200 m^2 (D) 1575 m^2
33. A hemisphere of radius 7 cm is placed on top of a cylinder of the same radius and height 14 cm. Find the total volume of the solid.
 (A) 2874.67 cm^3 (C) 2500 cm^3
 (B) 2685.67 cm^3 (D) 2700 cm^3
34. A cone and a hemisphere have the same base radius of 7 cm. The height of the cone is 24 cm. Find the ratio of their volumes.
 (A) 8:7 (C) 16:9
 (B) 12:7 (D) 5:4
35. A rectangular pit of dimensions $12 \text{ m} \times 8 \text{ m} \times 2 \text{ m}$ is dug. The soil is spread evenly to form a platform of size $24 \text{ m} \times 16 \text{ m}$. Find the thickness of the platform.
 (A) 25 cm (C) 75 cm
 (B) 50 cm (D) 100 cm
36. Two trains of lengths 120 m and 180 m run in opposite directions at speeds of 54 km/h and 90 km/h. How long will they take to cross each other?
 (A) 7 secs (C) 7.5 secs
 (B) 7.2 secs (D) 8 secs

37. A boat goes 12 km downstream in 3 hours and the same distance upstream in 4 hours. Find the speed of the boat in still water.
 (A) 3 km/h (C) 4 km/h
 (B) 3.5 km/h (D) 4.5 km/h
38. A man sells an article at a loss of 10%. If he had sold it for ₹540 more, he would have gained 10%. Find the cost price.
 (A) ₹2700 (C) ₹3000
 (B) ₹2800 (D) ₹3200
39. A shopkeeper bought 50 oranges at ₹5 each. He sold 40 at ₹6 each and the rest at cost price. Find his profit percentage.
 (A) 10% (C) 15%
 (B) 12% (D) 16%
40. The difference between compound interest and simple interest on ₹5000 at 10% per annum for 2 years is
 (A) ₹40 (C) ₹48
 (B) ₹44.60 (D) ₹50
41. The largest 4-digit number divisible by 12, 15, and 18 is:
 (A) 9960 (C) 9900
 (B) 9990 (D) 9984
42. The smallest number which when divided by 12, 15, and 20 leaves remainder 5 in each case is:
 (A) 45 (C) 125
 (B) 65 (D) 185
43. The sum of first 50 odd numbers is
 (A) 2500 (C) 2680
 (B) 2586 (D) 2700
44. The sum of digits of 10^{100}
 (A) 1 (C) 100
 (B) 9 (D) 10
45. Find the units digit of 7^{126}
 (A) 1 (C) 7
 (B) 3 (D) 9
46. Pivot Tables are primarily used for
 (A) Formatting cells (C) Summarizing and analysing data
 (B) Creating charts (D) Protecting worksheets
47. Which function counts only numeric values in a range?
 (A) COUNTA (C) COUNTIF
 (B) COUNT (D) SUM
48. Conditional Formatting is used to:
 (A) Protect cells (C) Highlight cells based on rules
 (B) Hide formulas (D) Lock rows
49. The shortcut to create a chart from selected data is
 (A) F8 (C) F10
 (B) F9 (D) F11

50. To combine text from multiple cells, we can use:
 (A) CONCAT (C) LEFT
 (B) ADD (D) RIGHT
51. Which function returns today's date?
 (A) DATE (C) TODAY
 (B) NOW (D) TIME
52. The primary key in a database table:
 (A) Allows duplicate values (C) Can be null
 (B) Must be unique (D) Is optional
53. Which feature allows you to send personalized letters to multiple recipients?
 (A) Track Changes (C) Index
 (B) SmartArt (D) Mail Merge
54. Which protocol is used to send emails?
 (A) POP3 (C) SMTP
 (B) IMAP (D) FTP
55. Which connector is used for wired internet?
 (A) USB (C) RJ-45
 (B) HDMI (D) RJ-11
56. Which device is used to print large engineering drawings?
 (A) Plotter (C) Laser Printer
 (B) Inkjet Printer (D) Dot Matrix
57. Which type of cyber-attack floods a server with traffic to make it unavailable?
 (A) DDoS (C) Spoofing
 (B) Phishing (D) SQL Injection
58. Which attack tricks users into revealing sensitive information via fake emails?
 (A) Spoofing (C) Password attack
 (B) Phishing (D) Ransomware
59. NVMe SSDs connect via which interface for maximum speed
 (A) SATA (C) PCIe
 (B) USB (D) SCSI
60. Which encryption standard is currently considered most secure for Wi-Fi?
 (A) WEP (C) WPA2
 (B) WPA (D) WPA3
61. Which metal is most reactive according to the reactivity series?
 (A) Copper (C) Iron
 (B) Zinc (D) Potassium
62. Which of the following is a noble gas?
 (A) Oxygen (C) Neon
 (B) Nitrogen (D) Hydrogen
63. Which of the following is a greenhouse gas?
 (A) Oxygen (C) Carbon dioxide
 (B) Methane (D) Argon

64. Which of the following is a weak acid among the options?
 (A) HCl (C) CH₃COOH
 (B) H₂SO₄ (D) HNO₃
65. Which of the following explains why carbon monoxide is dangerous?
 (A) It is heavier than air (C) It is acidic
 (B) It reacts with oxygen in lungs (D) It binds strongly with haemoglobin
66. Which chemical is added to toothpaste to prevent tooth decay?
 (A) Calcium carbonate (C) Sodium chloride
 (B) Fluoride compounds (D) Magnesium hydroxide
67. Which gas, when burned in combination with pure oxygen, produces an intensely hot flame capable of melting steel for welding and cutting?
 (A) C₂H₂ (C) Ar
 (B) CH₄ (D) CO₂
68. Which chemical is used in photography (traditional films)?
 (A) Boric acid (C) Copper sulphate
 (B) Silver bromide (D) Zinc oxide
69. The primary gas used as a general anaesthetic in medical procedures, popularly referred to as “laughing gas” is
 (A) NO (C) HNO₃
 (B) NO₂ (D) NH₃
70. Which chemical is used in swimming pools to disinfect water?
 (A) Calcium hydroxide (C) Calcium oxychloride
 (B) Ammonium chloride (D) Sulphur dioxide
71. Which blood cells help in clotting?
 (A) RBCs (C) Platelets
 (B) WBCs (D) Plasma
72. Which animal is used in the production of antivenom?
 (A) Horse (C) Goat
 (B) Cow (D) Rabbit
73. Which animal is used in leprosy research as a natural host of the bacterium?
 (A) Rat (C) Monkey
 (B) Rabbit (D) Armadillo
74. Which hormone prepares the body for “fight or flight”?
 (A) Adrenaline (C) Thyroxine
 (B) Insulin (D) Oestrogen
75. The part of the brain responsible for vision is
 (A) Frontal lobe (C) Parietal lobe
 (B) Occipital lobe (D) Temporal lobe
76. The limbic system is primarily involved in
 (A) Reflexes (C) Vision
 (B) Balance (D) Emotions and memory

77. Which gland is called the “master gland” because it regulates other endocrine glands?
 (A) Thyroid (C) Adrenal
 (B) Pituitary (D) Pancreas
78. Which hormone regulates circadian rhythm?
 (A) Melatonin (C) Insulin
 (B) Cortisol (D) Thyroxine
79. Which of the following rodent is used in auditory research due to cochlear similarity with humans?
 (A) Hamster (C) Rat
 (B) Guinea pig (D) Mouse
80. In mammals, the primary site of gas exchange is:
 (A) Bronchi (C) Alveoli
 (B) Trachea (D) Pleura
81. The enzyme responsible for carbon fixation in the Calvin cycle is:
 (A) ATP synthase (C) NADP reductase
 (B) RuBisCO (D) Hexokinase
82. The opening and closing of stomata is regulated by:
 (A) Root pressure (C) Leaf age
 (B) Photosynthesis rate (D) Turgor changes in guard cells
83. The transport of food in plants occurs through:
 (A) Phloem (C) Cambium
 (B) Xylem (D) Cortex
84. The hormone responsible for fruit ripening is:
 (A) Auxin (C) Ethylene
 (B) Gibberellin (D) Cytokinin
85. The process of converting nitrate to ammonia in plants is:
 (A) Nitrogen fixation (C) Denitrification
 (B) Nitrate reduction (D) Ammonification
86. The symbiotic bacteria in legume root nodules are:
 (A) Azotobacter (C) Nitrosomonas
 (B) Rhizobium (D) Nitrobacter
87. Sprouting of onions in storage is due to:
 (A) ABA accumulation (C) Cytokinin deficiency
 (B) Ethylene inhibition (D) Gibberellin activity and high humidity
88. Germination of stored grains under damp conditions leads to:
 (A) Increased starch reserves
 (B) Higher protein synthesis
 (C) Amylase activity converting starch into sugars, reducing calorific value
 (D) Reduced respiration
89. The respiratory quotient (RQ) of organic acid metabolism in plants is:
 (A) 1.0 (C) Less than 0.5
 (B) 0.7 (D) Greater than 1.0

90. In C_4 photosynthesis, the ATP: NADPH requirement ratio is higher than C_3 because of:
(A) Extra ATP needed for CO_2 transport (C) Lower NADPH demand
(B) Reduced oxygenation (D) Increased RuBisCO activity
91. If demand is perfectly inelastic, the demand curve is:
(A) Vertical (C) Downward sloping
(B) Horizontal (D) Upward sloping
92. Monetary policy is controlled by:
(A) Government (C) Private firms
(B) Central bank (D) Households
93. Exchange rate depreciation makes exports:
(A) More expensive (C) Unchanged
(B) Cheaper abroad (D) Less competitive
94. If CPI rises from 120 to 132 in one year, the inflation rate is:
(A) 6% (C) 10%
(B) 8% (D) 12%
95. A “hawkish” monetary policy stance means:
(A) Lowering interest rates (C) Raising interest rates
(B) Keeping rates unchanged (D) Expanding money supply
96. Cash Reserve Ratio (CRR) increase implies:
(A) More lending by banks (C) Lower inflation automatically
(B) Higher government borrowing (D) Less money available to lend
97. The “Quantitative Easing” policy involves:
(A) Raising interest rates
(B) Reducing fiscal deficit
(C) Central bank buying government securities.
(D) Cutting subsidies.
98. The “SARFAESI Act” empowers banks to:
(A) Recover non-performing assets without court intervention
(B) Issue currency
(C) Regulate stock markets
(D) Control inflation
99. The “Deposit Insurance and Credit Guarantee Corporation (DICGC)” insures deposits up to:
(A) ₹1 lakh (C) ₹10 lakh
(B) ₹5 lakh per depositor per bank (D) Full amount deposited up to any limit
100. Who chairs the Governing Council of NITI Aayog?
(A) Finance Minister of India (C) Chief Economic Adviser
(B) Vice-Chairman of NITI Aayog (D) Prime Minister of India

SPACE FOR ROUGH WORK

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