

Year of Advt: 2025

Date of Exam: 09-August-2025

Booklet Serial No.

11733

DO NOT BREAK THE SEAL OF THE BOOKLET UNTIL YOU ARE TOLD TO DO SO

SERIES : I

QUESTION BOOKLET

Subjects : General English and General Knowledge & Aptitude

Full Marks : 250

Time Allowed : 2½ Hours

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

INSTRUCTIONS TO CANDIDATES

1. This Booklet contains **125 questions** to be answered in a separate OMR Answer Sheet using Black Ballpoint Pen in the following two Parts :

Part—A : General English : 50 questions

Part—B : General Knowledge & Aptitude : 75 questions

2. All questions are compulsory.
3. You will be supplied the Answer Sheet separately by the Invigilator. You must complete the details of particulars asked for.
4. Answer must be shown by completely blackening the corresponding circle in the Answer Sheet against the relevant question number by Black Ballpoint Pen. OMR Answer Sheet without marking Series shall not be evaluated.

Example :

Suppose the following question is asked :

The Capital of Meghalaya is

- (A) Guwahati
- (B) Kohima
- (C) Shillong
- (D) Delhi

You will have four alternatives in the Answer Sheet for your response corresponding to each question of the Question Booklet as below :

(A) (B) (C) (D)

In the above illustration, if your chosen response is alternative (C), i.e., Shillong, then the same should be marked on the Answer Sheet by blackening the relevant circle with a Black Ballpoint Pen only as below :

(A) (B) (C) (D)

The example shown above is the only correct method of answering.

5. Answer the questions as quickly and as carefully as you can. Some questions may be difficult and others easy. Do not spend too much time on any one question.
6. There will NOT be any negative marking for wrong answers.
7. The Answer Sheet must be handed over to the Invigilator before you leave the Examination Hall.
8. No Rough Work is to be done on the Answer Sheet. Space for Rough Work has been provided in the Question Booklet.

PART—A : GENERAL ENGLISH

(Marks : 100)

Each question carries 2 marks

Section—I

Directions (Q. Nos. 1-20) :

Choose appropriate words to fill in the blanks.

1. He was unjustified in accusing us _____ theft.
(A) for (B) of
(C) with (D) upon
2. You should be considerate _____ your employees.
(A) for (B) to
(C) upon (D) on
3. When I called _____ his residence this morning, he was still in bed.
(A) into (B) at
(C) on (D) for
4. I am confident of my success in the examination because I am putting _____ very hard labour these days.
(A) off (B) on
(C) of (D) in
5. She tries to adjust _____ her relations.
(A) to (B) with
(C) for (D) at
6. I cannot put up _____ this insult.
(A) on (B) upon
(C) with (D) at
7. Fate smiled _____ him in all his ventures.
(A) over (B) at
(C) with (D) on
8. You should never lack confidence _____ yourself, otherwise life will become difficult for you.
(A) on
(B) upon
(C) in
(D) No preposition is needed
9. All of us are devoted _____ one another.
(A) of (B) at
(C) to (D) for
10. We should always stick to our decisions otherwise people will mock _____ us.
(A) on (B) at
(C) upon (D) over
11. Work hard _____ you should fail.
(A) otherwise (B) lest
(C) else (D) or
12. He made _____ his bungalow to the orphanage.
(A) up (B) out
(C) over (D) on
13. There is no use _____ acting thus.
(A) of (B) for
(C) on (D) in
14. All of us have been invited _____ tea.
(A) for (B) at
(C) to (D) on
15. I worked him _____ into a great passion.
(A) up (B) out
(C) on (D) upon

16. The bridge gave _____ due to the heavy rains and one part of the city was cut off from the other.
 (A) up (B) away
 (C) way (D) in
17. At last he yielded _____ temptations.
 (A) into (B) with
 (C) for (D) to
18. The rebellion was put _____ in no time.
 (A) out (B) off
 (C) down (D) by
19. You will be cured _____ this disease at the earliest.
 (A) for (B) of
 (C) off (D) from
20. She persisted _____ doing the job despite it being uninteresting to her.
 (A) on
 (B) at
 (C) in
 (D) upon

Section—II

Directions (Q. Nos. 21–35) :

Some of the sentences have errors and some have none. Find out which part (A), (B) or (C) of a sentence has an error. If there is no error, mark your answer as (D).

21. The people of South Africa came out to vote / in large numbers /
 (A) (B)
despite of the threat to their lives . / No error
 (C) (D)
22. Everyone in the room / were singing and laughing / when the teacher came in to teach . /
 (A) (B) (C)
No error
 (D)
23. Unless the entire nation / does not cooperate / we cannot hope to maintain law and order . /
 (A) (B) (C)
No error
 (D)
24. She had to come out of the house herself / and buy some medicine as there was /
 (A) (B)
no other alternative . / No error
 (C) (D)

25. If you are / self-confidence and optimistic /
 (A) (B)
you can automatically radiate cheerfulness and a happy smile . / No error
 (C) (D)
26. The mother was worried / because her child's performance / at school was dissatisfactory . /
 (A) (B) (C)
No error
 (D)
27. The woman being an Indian citizen / for the last eight years /
 (A) (B)
she has been allowed to stay on . / No error
 (C) (D)
28. There have been occasions when / the entire opposition / has walked out of the House . /
 (A) (B) (C)
No error
 (D)
29. The latest copy of the book / is more preferable / to any that has been published so far . /
 (A) (B) (C)
No error
 (D)
30. Scarcely had the doctor left / after thoroughly examining him / than the patient died . /
 (A) (B) (C)
No error
 (D)
31. The teacher did not take the test today / as many of the students / were absent . /
 (A) (B) (C)
No error
 (D)
32. I have seen the girl / who you think / is the most attractive person in the world . /
 (A) (B) (C)
No error
 (D)

33. She is one of / the most intelligent girls / that has ever studied in this school . /
 (A) (B) (C)
No error
 (D)
34. Raids were carried in / all over the city to unearth / illegal ammunition . / No error
 (A) (B) (C) (D)
35. Had you explained / to me the entire process / I would have done it successfully . /
 (A) (B) (C)
No error
 (D)

Section—III

Directions (Q. Nos. 36–40) :

Read the following passage and answer the questions that follow.

Fifty million pounds are spent every year in Great Britain on chocolates and confectionery. So, it is announced in a paragraph relating to the Chocolate and Confectionery Exhibition at Olympia. Statistics are often depressing nowadays, but the figures I have quoted give us grounds for believing that the world is in some important respects a better place today than it has ever been before. What child of any age, since Moses lay in the ark of bulrushes, would not wish to have been born into a world containing such mountains of edible happiness?

36. By saying that “the world is a better place today than it has ever been before” because of the availability of sweets in abundance, the author
 (A) ironically condemns the manufacture of sweets
 (B) strikingly makes a statement from the point of view of children who love sweets
 (C) exaggerates sweet-eating
 (D) criticises wasting large amounts of money on chocolates and confectionery
37. What, according to the author, is so depressing about statistics nowadays?
 (A) They make long lists of calculations
 (B) They are made by every country
 (C) They make one feel uncomfortable with suggested enormity
 (D) They are undependable because they are always wrong
38. Why does the author say that the world is a better place today?
 (A) The world has enormous statistics
 (B) The world has sweets in abundance
 (C) A good deal of money is spent on sweets
 (D) Children of today have the widest choice of sweets
39. Which of the following expressions is nearest in meaning to the phrase ‘the ark of bulrushes’?
 (A) A boat rowed by hands
 (B) A wicker basket for floating in water
 (C) A box made of wood
 (D) A raft that floats

40. By 'mountains of edible happiness' the author means

- (A) chocolates and confectionery
- (B) abundance of happiness
- (C) mountains where eating is a pleasure
- (D) None of the above

Section—IV

Directions (Q. Nos. 41–45) :
Select the correct synonyms.

41. Adulation

- (A) fawning
- (B) praise
- (C) embarrassment
- (D) veneration

42. Replenish

- (A) to spread around
- (B) to fulfil
- (C) to refill
- (D) to indulge

43. Obviate

- (A) get rid of
- (B) frustrate
- (C) impede
- (D) assure

44. Fecund

- (A) powerful
- (B) fertile
- (C) strange
- (D) pure

45. Vacillation

- (A) withdrawal
- (B) reasonable
- (C) determination
- (D) indecision

Directions (Q. Nos. 46–50) :
Select the correct antonyms.

46. Facilitate

- (A) to hinder
- (B) to recommend
- (C) to serve
- (D) to correct

47. Veneration

- (A) sacrilege
- (B) sacred
- (C) downfall
- (D) religious

48. Impair

- (A) injure
- (B) repair
- (C) strengthen
- (D) spread

49. Coagulate

- (A) thicken
- (B) dissipate
- (C) descend
- (D) ascend

50. Peremptory

- (A) final
- (B) ending
- (C) introductory
- (D) debatable

PART—B : GENERAL KNOWLEDGE & APTITUDE

(Marks : 150)

Each question carries 2 marks

51. The first Europeans, in modern times, to enter into trade relations with India were the
(A) Dutch
(B) Portuguese
(C) French
(D) British
52. Antacids are found in medicines that cure
(A) eyesight
(B) headache
(C) pimples
(D) stomach ache
53. Which of the following is **not** a part of the Tapi Basin?
(A) Rajasthan
(B) Maharashtra
(C) Madhya Pradesh
(D) Gujarat
54. Which of the following countries was the host of AFC Women's Asian Cup Football, 2022?
(A) Bangladesh
(B) Pakistan
(C) India
(D) Japan
55. Which of the following Articles of the Indian Constitution are related to citizenship?
(A) Articles 15 to 21
(B) Articles 5 to 11
(C) Articles 2 to 4
(D) Articles 25 to 31
56. What will be the atomic number of an element X which is placed in period 2 and group 17?
(A) 8
(B) 7
(C) 9
(D) 17
57. The Kanchenjunga Peak is located in which sub-division of Himalayas from the following?
(A) Kashmir Himalayas
(B) Darjeeling and Sikkim Himalayas
(C) Himachal and Uttarakhand Himalayas
(D) Arunachal Himalayas
58. Who holds the authority of transferring Judges from one High Court to another High Court?
(A) The Prime Minister of India
(B) The Chief Justice of India
(C) The Law Minister of India
(D) The President of India
59. Who scored the most runs in the 2023 Cricket World Cup?
(A) Virat Kohli
(B) Travis Head
(C) Rohit Sharma
(D) Rachin Ravindra
60. Which State Assembly recently passed amended anti-conversion bill, enhances punishment to life imprisonment?
(A) Haryana
(B) Gujarat
(C) West Bengal
(D) Uttar Pradesh

- [P.T.O.

71. The origin of the Directive Principles of State Policy can be traced to which of the following?
- The Karachi Resolution
 - The Poona Pact
 - The Gandhi-Irwin Pact
 - The Second Round Table Conference
72. Due to the attraction of the Sun and Moon, what is the frequency of up and falls down of ocean water in a day?
- Three
 - Two
 - One
 - Four
73. Which of the following is **not** a freshwater lake in India?
- Bhimtal
 - Nainital
 - Loktak
 - Pulicat
74. What is the name of the scheme launched in 2022 for the welfare measures of the transgender community and for persons who are engaged in the act of begging?
- BEG
 - RISE
 - SMILE
 - SHINE
75. The cultivation of _____ was introduced on the Baba Budan Hills in India.
- coffee
 - tea
 - cardamom
 - silk
76. A non-SI unit called 'nit' is the unit of which of the following photometric quantities used to measure a multitude of light intensity?
- Luminosity
 - Luminance
 - Luminous exposure
 - Luminous emittance
77. Who was the first person associated with classical music to be awarded the Bharat Ratna?
- Ravi Shankar
 - Bismillah Khan
 - Bhimsen Joshi
 - M. S. Subbulakshmi
78. As per the Factories Act, the minimum age to be completed by a child for allowing him to work in a factory is
- 16 years
 - 14 years
 - 12 years
 - 18 years
79. Which city has opened its Infinity Bridge for traffic for the first time?
- Dubai
 - Zurich
 - Beijing
 - Paris
80. Pakhui Wildlife Sanctuary is situated in which State?
- Tripura
 - Manipur
 - Arunachal Pradesh
 - Mizoram

81. High Altitude Warfare School of the Indian Army is located at
 (A) Siachen
 (B) Gulmarg
 (C) Leh
 (D) Manali
82. What is the maximum time limit of zero hour?
 (A) 1 hour
 (B) 2 hours
 (C) 3 hours
 (D) $\frac{1}{2}$ hour
83. Industries are classified into _____ categories in the Industrial Policy Resolution.
 (A) three
 (B) five
 (C) four
 (D) two
84. Bariatric surgery makes changes to a person's
 (A) heart
 (B) lungs
 (C) digestive system
 (D) nasal passage
85. The 'Dzukou Valley' is located in the border of which two States?
 (A) Nagaland and Manipur
 (B) Manipur and Mizoram
 (C) Mizoram and Tripura
 (D) Meghalaya and Mizoram
86. If A is 95% of B, then what percent of A is B?
 (A) $99\frac{3}{4}\%$
 (B) $105\frac{5}{19}\%$
 (C) $108\frac{16}{19}\%$
 (D) $100\frac{3}{19}\%$
87. As part of his journey, a person travels 120 km at 80 km/hr, the next 100 km at 40 km/hr, and comes back to the starting point at 75 km/hr. The average speed of the person throughout the journey (approximately) is
 (A) 63.46 km/hr
 (B) 59.34 km/hr
 (C) 68.15 km/hr
 (D) 50.02 km/hr
88. Two concentric circles are of radii 10 cm and 6 cm. Find the length of the chord of the larger circle which touches the smaller circle.
 (A) 10 cm
 (B) 12 cm
 (C) 8 cm
 (D) 9 cm
89. If $\sin(a + b) = 1$ and $\cos(a - b) = \frac{1}{2}$, then the value of b is
 (A) 30°
 (B) 15°
 (C) 0°
 (D) 45°

90. A train 900 m long is running at 108 km/hr. How long will it take to clear a 900 m long platform completely?

- (A) 2 minutes
- (B) 1 minute
- (C) 45 seconds
- (D) 30 seconds

91. If $\angle C = \angle Z$, and $AC = XZ$, then which of the following conditions is necessary for $\triangle ABC$ and $\triangle XYZ$ to be congruent?

- (A) $AB = AC$
- (B) $AB = XY$
- (C) $BC = AB$
- (D) $BC = YZ$

92. A shopkeeper offers the following two discount schemes :

1. Buy 3 get 4 free
2. Buy 5 get 6 free

Which scheme has the maximum discount percentage?

- (A) 1 and 2 both have same discount percentage
- (B) 2
- (C) 1
- (D) 2 does not give any discount

93. In what time will ₹ 10,000 at 4% per annum produce the same interest as ₹ 8,000 does in 4 years at 5% simple interest?

- (A) 4 years
- (B) 3 years
- (C) 5 years
- (D) 6 years

94. A man, a boy and a woman can finish a work in 10 days, 15 days and 30 days, respectively. In how many days can the work be finished by a man, a woman and a boy when all of them work together?

- (A) 10
- (B) 20
- (C) 5
- (D) 6

95. If the four numbers, 39, 117, 17 and x are in proportion, then find the value of x .

- (A) 57
- (B) 51
- (C) 49
- (D) 50

96. If

$$\left\{ \frac{(3 \sin \theta - \cos \theta)}{(\cos \theta + \sin \theta)} \right\} = 1$$

then the value of $\cot \theta$ is

- (A) 1
- (B) 0
- (C) 2
- (D) 3

97. If

$$(a + b + c) = 16 \text{ and } (a^2 + b^2 + c^2) = 90$$

then the value of $ab + bc + ca$ is

- (A) 83
- (B) 82
- (C) 80
- (D) 84

98. Which of the following is a leap year?
 (A) 1998 (B) 1673
 (C) 1354 (D) 1076
99. In an election, 2% persons enrolled in the voter list did not participate and 500 votes were invalid. Two candidates A and B fought the election, and A defeated B by 200 votes. If 43% of the persons enrolled in the voter list casted their votes in favour of A, then what is the number of the total casted votes?
 (A) 2800 (B) 2805
 (C) 2450 (D) 3250
100. If D is the midpoint of BC in $\triangle ABC$ and $\angle A = 90^\circ$, then $AD =$
 (A) $\frac{BC}{2}$ (B) $\frac{BC}{4}$
 (C) BC (D) 2BC
101. What is the value of $a^3 + b^3 + c^3$ if $(a + b + c) = 0$?
 (A) 0
 (B) $3bac$
 (C) $a^2 + b^2 + c^2 - ab - bc - ca$
 (D) $a^2 + b^2 + c^2 - 3abc$
102. If the total surface area of a cube is 24 sq. units, then what is the volume of the cube?
 (A) 8 cubic units
 (B) 16 cubic units
 (C) 10 cubic units
 (D) 4 cubic units
103. Find the simplified value of the expression
 $36 \div 6 \times 3 + 2^2 - (3 + 5)$
 (A) 15
 (B) 12
 (C) 13
 (D) 14
104. The mean proportion between 7 and 112 is
 (A) 42 (B) 21
 (C) 28 (D) 14
105. A 15 cm long perpendicular is drawn from the centre of a circle to its 40 cm long chord. Find the radius of the circle.
 (A) 27 cm (B) 25 cm
 (C) 22 cm (D) 20 cm
106. If the simple interest at the same interest rate on ₹ 500 for 4 years and ₹ 700 for 2 years, combined together, is ₹ 680, then what is the rate of interest?
 (A) 20%
 (B) 10%
 (C) 5%
 (D) 5.5%
107. A thief steals a van at 3:00 a.m. and drives it at a speed of 57 km/hr. The thief is discovered at 4:00 a.m. and the owner starts the chase with another van at a speed of 76 km/hr. At what time will he catch the thief?
 (A) 6:30 a.m.
 (B) 7:15 a.m.
 (C) 7:00 a.m.
 (D) Will never catch the thief

108. The present age of John is five times the present age of his daughter, Maria. Seven years from now, John will be three times as old as Maria. What is the present age (in years) of John?
- (A) 45 (B) 35
(C) 30 (D) 33
109. In a group of 32 students, the average weight was 18.5 kg. When 4 students left the group, the average came down to 15.5 kg. What was the average weight (in kg) of those 4 students?
- (A) 37.5
(B) 36.5
(C) 30
(D) 39.5
110. Using
- $$\tan(A - B) = \frac{\tan A - \tan B}{1 + \tan A \times \tan B}$$
- find the value of $\tan 15^\circ$.
- (A) $2 - \sqrt{3}$
(B) $2 + \sqrt{3}$
(C) $\sqrt{3} + 1$
(D) $\sqrt{3} - 1$
111. A man is 28 years older than his son. In three years, his age will be twice the age of his son. The present age of the son is
- (A) 20 years
(B) 25 years
(C) 28 years
(D) 26 years
112. In a $\triangle ABC$, the internal bisectors of $\angle B$ and $\angle C$ meet at O . If $\angle BAC = 72^\circ$, then the value of $\angle BOC$ is
- (A) 136° (B) 110°
(C) 130° (D) 126°
113. A shirt bought at ₹ 500 is marked at 16% profit and later on sold at a discount of $x\%$ on the marked price. If the selling price of the shirt is ₹ 493, then the value of x is
- (A) 16 (B) 17
(C) 15 (D) 14
114. The lateral area of a cylinder is 3168 cm^2 and the height is 48 cm. Find the volume.
- (A) 16632 cm^3
(B) 5533 cm^3
(C) 5644 cm^3
(D) 5234 cm^3
115. The wheel of a bus has radius of 182 cm. The number of approximate revolutions per minute the wheel will make is _____. Given that the speed of the bus is 66 km/hr.
- (A) 100 (B) 96
(C) 90 (D) 80
116. The seats for Mathematics, English and Chemistry in a school are in the ratio of 6 : 4 : 7. If the seats are increased by 20%, 40% and 60%, respectively, then the ratio of the increased seats is
- (A) 9 : 7 : 8
(B) 9 : 7 : 14
(C) 1 : 2 : 3
(D) 4 : 7 : 6

117. If $\left(3x - \frac{3}{x}\right) = 5$, then the value of

$\left(\frac{x^2 + 1}{x^2}\right)$ is

- (A) $\frac{47}{9}$ (B) $\frac{42}{9}$
(C) $\frac{43}{9}$ (D) $\frac{46}{9}$

118. If $P \cos \alpha = 3$ and $4 \tan \alpha = Q$, then the relationship between P and Q , which is independent of α , is

- (A) $\frac{9}{P^2} + \frac{16}{Q^2} = 1$
(B) $\frac{9}{P^2} - \frac{16}{Q^2} = 1$
(C) $\frac{P^2}{9} + \frac{Q^2}{16} = 1$
(D) $\frac{P^2}{9} - \frac{Q^2}{16} = 1$

119. If

$(a + b + c) = 12$ and $(a^2 + b^2 + c^2) = 50$
then find the value of

$$a^3 + b^3 + c^3 - 3abc$$

- (A) 36 (B) 24
(C) 48 (D) 40

120. What is the smallest number that should be added to 1780 to make it a perfect square?

- (A) 39 (B) 69
(C) 49 (D) 59

121. The sum of two numbers is 7 and the sum of their squares is 25. The product of the two numbers is

- (A) 6 (B) 10
(C) 12 (D) 15

122. By giving 25% discount, a trader earns 25% profit. If he sells the item at 10% discount, then the profit will be

- (A) 10%
(B) 40%
(C) 45%
(D) 50%

123. A round balloon of unit radius subtends an angle of 90° at the eye of an observer at a point A. What is the distance of the centre of the balloon from the point A?

- (A) $\frac{1}{\sqrt{2}}$ (B) $\sqrt{2}$
(C) 2 (D) $\frac{1}{2}$

124. What is the area of a right-angled isosceles triangle whose hypotenuse is $6\sqrt{2}$ cm?

- (A) 12 cm^2
(B) 18 cm^2
(C) 24 cm^2
(D) 36 cm^2

125. If the side of a cube is increased by 100%, then by what percentage is the surface area of the cube increased?

- (A) 150% (B) 200%
(C) 400% (D) 300%