

Signature of Candidate

Signature of Invigilator

15112
Booklet Serial No.

PAPER - I

QUESTION PAPER BOOKLET (QPB)

Duration: 01:30 Hours (Ninety Minutes)

Maximum Marks: 100

Hall Ticket No.:

.....

OMR Serial No.:

.....

INSTRUCTIONS TO THE CANDIDATES

1. Candidate should write his/her HALL TICKET NUMBER and OMR SERIAL NUMBER in the space provided above and not elsewhere.
2. This Paper is a MCQ (Multiple Choice Question) based test with **negative marking**.
3. This QPB contains **20** pages including **2** pages for Rough Work.
4. Check the QPB and MCQs thoroughly before taking the TEST.
5. Report to the INVIGILATOR in case of mis-print or any discrepancy in the QPB & MCQs.
6. There are 100 MCQs. Each MCQ has four options. Choose the correct option and darken the circle only with blue/black ballpoint pen in the OMR sheet against the corresponding option.
7. One mark is given for each correct option and negative marking of **0.25** marks for each incorrect option.
8. If more than one circle is **bubbled** for a question in the OMR Sheet, marks shall not be awarded.
9. At the end of the ENTRANCE TEST, handover the QPB & OMR sheet to the INVIGILATOR.
10. Candidate shall be disqualified, if the QPB and the OMR sheet are not handed over to the INVIGILATOR after the examination.

SEAL

SPACE FOR ROUGH WORK

Simplifying the Structure

11. *Leucosia* (1) *Leucosia* (2) *Leucosia* (3)

10

(d)

1. The Satpura range is situated between which two west flowing rivers?
 - (a) Mahi and Luni
 - (b) Narmada and Luni
 - (c) Tapi and Mahi
 - (d) Narmada and Tapi
2. The primary goal of Swadeshi Movement was to
 - (a) Promote industrialization
 - (b) Promote unity
 - (c) Independence from British rule
 - (d) Boycott of British goods
3. India received the International Social Security Association (ISSA) Award in 2025 for what achievement?
 - (a) Expanding space exploration
 - (b) Achieving 100% literacy
 - (c) Expanding social protection coverage
 - (d) Eradicating a communicable disease
4. Who is the current Prime Minister of Singapore who visited India in September 2025?
 - (a) Lee Hsien Loong
 - (b) Lawrence Wong
 - (c) Tharman Shanmugaratnam
 - (d) Halimah Yacob
5. What is the theme of the International Day of Peace 2025, observed on 21 September 2025?
 - (a) Building Bridges for Peace
 - (b) Act Now for a Peaceful World
 - (c) Climate Action for Peace
 - (d) Youth for Harmony
6. Which specific article in the Indian Constitution ensures freedom of the press?
 - (a) Article 19 (1) (a)
 - (b) Article 19(2)
 - (c) Article 21A
 - (d) Article 32

7. Which fort is the largest in India?
 (a) Red Fort, Delhi
 (b) Golconda Fort, Hyderabad
 (c) Kangra Fort, Kangra
 (d) Chittorgarh Fort, Chittorgarh

8. On which date is International Women's Day observed?
 (a) 12th March
 (b) 8th July
 (c) 8th March
 (d) 12th July

9. Which Gupta emperor ascended to the throne by killing his elder brother?
 (a) Chandragupta II
 (b) Samudragupta
 (c) Srigupta
 (d) Skandagupta

10. Who fought the Battle of Plassey against the East India Company?
 (a) Tipu Sultan
 (b) Mir Jafar
 (c) Siraj-ud-Daula
 (d) Alivardi Khan

11. Each year World Environment Day is celebrated on _____?
 (a) 1st July
 (b) 1st January
 (c) 29th August
 (d) 5th June

12. Where was the first Satyagraha led by Mahatma Gandhi in support of indigo farmers located?
 (a) Bardoli
 (b) Chauri-Chaura
 (c) Champaran
 (d) Sabarmati

13. On which river is the Bhakra Dam, the highest dam in India, built?
 (a) Vyas river
 (b) Sutlej river
 (c) Jhelum river
 (d) Ghaghara river

14. Which article of the Indian Constitution establishes the foundation for Panchayati Raj?

- Article 36
- Article 39
- Article 40
- Article 48

15. Which of these Indian states does not share a border with Bhutan?

- Arunachal Pradesh
- Nagaland
- Sikkim
- Assam

16. In a certain code language, "meticulous planning ensures success" is written as 9814, "success demands dedication" as 7468, and "planning demands precision" as 8410. How will "meticulous precision" be written in that language?

- 10
- 90
- 91
- 98

17. P runs faster than Q but not as fast as R. S runs slower than R but faster than Q. Who among them runs the fastest?

- P
- Q
- S
- R

18. Pointing to a man in the photograph, Rohan said, "His daughter's husband is the brother of my father." How is Rohan related to the man?

- Grand son
- Son
- Brother
- Cousin

19. At the time of sunrise, a man is standing facing the sun. If his shadow falls behind him, what direction is he facing?

- North
- South
- West
- East

LIBATT/154/DEC25/P-I

20. Find the angle between the hour hand and minute hand at 3:20.

- 40°
- 60°
- 20°
- 70°

21. All 42 students in a class are standing in a row facing west. Akansha is 15th from right end while Riya is 24th from left end. How many students are standing between Akansha and Riya.

- three
- two
- one
- four

22. Arrange the following words in a logical sequence as they would appear in the English dictionary.

- Marvel
- Master
- Mains
- Market
- Marble

- 3, 5, 1, 2, 4
- 3, 5, 2, 1, 4
- 3, 5, 4, 1, 2
- 5, 3, 2, 1, 4

23. Astrophysicist : Observatory :: Doctors: ?

- Hospital
- Company
- Museum
- Farmer

24. If in a row a person sitting 6th from right and 8th from left side, then find the total number of persons sitting in that row.

- 12
- 13
- 14
- 15

25. Some players are standing in a queue. Preet is 15th from the front and Shankar is 20th from the rear end of the queue. Ryan is after Preet but has three players between him and Preet. Shankar is immediately after Ryan. How many players are there in the queue?

(a) 38
(b) 39
(c) 40
(d) 37

26. Ravi travelled 4 km straight towards South. He turned left and travelled 6 km straight, then turned right and travelled 4 km straight. How far is he from the starting point?

(a) 8 km
(b) 12 km
(c) 10 km
(d) 18 km

27. In a line of girls, Sita ranks 16th from front and Rita ranks 14th from back. Only Lata is between the two. What could be the maximum number of girls in the line.

(a) 30
(b) 31
(c) 33
(d) 32

28. In a group of 90 students, 18 students didn't participate in any of the two games: Badminton and Cricket. 40 students participated in badminton and 60 students participated in Cricket. How many students participated in cricket only?

(a) 33
(b) 12
(c) 32
(d) 28

29. 50% of the students in a school play cricket, 40% of the students play football and the number of students who play both the games is 490. The number of students who play neither cricket nor football is 45%. Find the number of students in the college?

(a) 1200
(b) 1400
(c) 490
(d) 2100

30. Looking at a portrait of a man, Harsh said, "His mother is the wife of my father's son. Brothers and sisters I have none." At whose portrait was Harsh looking?

(a) His uncle
(b) His cousin
(c) His son
(d) His brother

31. Arrange the following words in a logical sequence as they would appear in the English dictionary.

- (1) Cruise
- (2) Copper
- (3) Crude
- (4) Crusade
- (5) Cramp

Options:

- (a) 2, 5, 1, 3, 4
- (b) 2, 5, 4, 1, 3
- (c) 2, 5, 3, 1, 4
- (d) 5, 2, 1, 3, 4

32. Calculate the angle formed between the hour and minute hands of a clock at 11:40.

- (a) 115°
- (b) 110°
- (c) 120°
- (d) 125°

33. The cyclists knew they had to try, for the idea of exploring their home state had captivated them completely.

Which word in the above sentence is used as a conjunction?

- (a) try
- (b) for
- (c) had
- (d) exploring

34. The Maharaja firmly resolved to hunt down every tiger in his kingdom.

Which word in the above sentence is used as an adverb?

- (a) Maharaja
- (b) firmly
- (c) resolved
- (d) kingdom

35. Choose the correctly spelled word.

- (a) Squandered
- (b) Squandared
- (c) Squanderedd
- (d) Squandereded

36. Join the sentences given below and make a simple sentence with an adjective phrase.
 I bought a Maruti car. The colour is blue. It is sporty.
 Choose the correct combined sentence:

- I bought a blue and sporty Maruti car.
- I bought a Maruti car which is blue and sporty.
- I bought a Maruti car that was sporty and blue.
- I bought a car which is sporty and blue.

37. Select the word most similar to "ENORMOUS".

- Tiny
- Small
- Huge
- Average

38. Select the synonym for "iconoclast":

- Rebel
- Traditionalist
- Artist
- Follower

39. Which word is the opposite of "ubiquitous"?

- Rare
- Common
- Modern
- Expensive

40. Which of the following is a collective noun used for a group of stars?

- Flock
- Herd
- Constellation
- Swarm

41. Which tense is used in: "She has been working here since 2020."

- Present Perfect
- Past Perfect
- Present Perfect Continuous
- Future Continuous

31. Select the word that has the meaning of "having a very bad temper".

42. Select the most accurate antonym for "loquacious".

- Talkative
- Angry
- Silent
- Energetic

43. The idiom "burn the midnight oil" implies _____.

- Using up all your energy quickly
- Destroying evidence
- Staying awake worrying about problems
- Working late into the night

44. Identify the error: "One of the student has submitted their project late."

- One of
- have
- students
- their

45. Identify the correct article: "____ University of Oxford is ____ oldest university in ____ English-speaking world."

- The, the, the
- A, the, an
- An, a, the
- The, an, the

46. Which option best represents the idiom? "I just paid him a left-handed compliment"

- flattering
- well deserved
- An honest
- An insincere compliment

47. If $2^{x-1} + 2^{x+1} = 320$, then find $x = ?$

- 3
- 5
- 7
- 1

48. In a botanical garden, the ratio of rose plants to tulip plants is $7:5$. If 15 tulip plants were newly planted, making their count 35, how many rose plants were originally in the garden?

- 42
- 28
- 56
- 63

49. A hostel has enough food for 20 students for 15 days. How many students can be fed with the same amount of food for 10 days?

- 25
- 30
- 40
- 50

50. Three coins are tossed. If one of them shows tails, what is the probability that all three show tails?

- $\frac{1}{8}$
- $\frac{1}{7}$
- $\frac{1}{6}$
- $\frac{1}{4}$

51. The diameter of the base of a cone is 14 cm and its slant height is 15 cm. Find its curved surface area.

- 330 cm^2
- 420 cm^2
- 210 cm^2
- 550 cm^2

52. The value of article decreased for two years at the rate of 10% per year and then in the third year it increased by 10%. Find the original value of the article, if its value at the end of 3 years is Rs. 40,095.

- Rs.13,122
- Rs.40,905
- Rs.45,000
- Rs.50,000

53. The radius of a circle is 31 cm. Find the perimeter of its quadrant.

- Perimeter = 96.5 cm
- Perimeter = 120.5 cm
- Perimeter = 99.5 cm
- Perimeter = 110.69 cm

54. In a card game of four players Amit, Bittu, Chandan and Dinesh, the chances of winning of Amit, Chandan, and Dinesh are $1/4$, $1/6$, and $1/3$ respectively. Find the chance of Bittu winning the game.

- $1/2$
- $1/5$
- $1/4$
- $1/6$

55. Shyam bought a notebook of Rs 784 which include GST of 12%. A year later, GST on notebook was reduced to 5%. If the base price of the notebook remains the same, what will be the new price of the notebook?

- Rs.740
- Rs.735
- Rs.720
- Rs.750

56. Abhay takes 2 hours longer than Sameer to cover 30 km. However, if Abhay were to double his speed, he would then take 1 hour less than Sameer. What is Abhay's original speed?

- 6 kmph
- 5 kmph
- 6.25 kmph
- 7.5 kmph

57. A boat travels 7 km upstream in 42 minutes. If the stream's speed is 3 km/h, what is the boat's speed in still water?

- 4.2 km/hr
- 9 km/hr
- 21 km/hr
- 13 km/hr

58. A 90 km/hr train takes 36 seconds to cross a bridge. A second train, which is 100 meters shorter than the first, crosses the same bridge at 45 km/hr. How long does it take the second train to cross the bridge?

- 61 sec
- 62 sec
- 64 sec
- 63 sec

59. The perimeter of a rectangle is equal to that of a square. Given that the square's area is 400 cm^2 and the rectangle's length is 40% greater than the side of the square, calculate the area of the rectangle.

- 248 cm^2
- 336 cm^2
- 356 cm^2
- 420 cm^2

60. If one-third of Rahul's savings in a National Savings Certificate equals one-half of his savings in a Public Provident Fund, and his total savings are ₹1,50,000, what is the amount saved in the Public Provident Fund?

- ₹30,000
- ₹50,000
- ₹60,000
- ₹90,000

61. The average monthly income of P and Q is ₹5,050, the average of Q and R is ₹5,250, and the average of P and R is ₹5,500. What is the monthly income of P?

- ₹3,500
- ₹4,500
- ₹4,800
- ₹5,300

62. After a price increase from ₹16 to ₹20 per kg, what percentage must sugar consumption be reduced to keep the total expenditure the same?

- 20%
- 15%
- 25%
- 40%

63. Businessmen A and B started a business with investments in the ratio of 5:8. They reinvested 30% of the total profit and shared the remainder. If A received ₹87,500 as his share, what was the total profit generated by the business?

- 2,27,000
- 2,50,000
- 3,25,000
- 3,75,000

64. With a brokerage fee of 2%, what is the maximum number of shares, priced at ₹25 each, that can be bought with ₹12,750?

- 450
- 550
- 500
- 600

65. In an election between two candidates, the winner received 62% of the total votes and secured a victory by 432 votes. Calculate the total number of votes cast.

- 1800
- 1600
- 1500
- 1900

66. The necessary condition to be checked before deletion from the queue is

- overflow
- underflow
- rear value
- Front Value

67. _____ command makes the updates performed by the transaction permanent in the database.

- TRUNCATE
- COMMIT
- ROLLBACK
- REMOVE

68. Which symbol is used to represent input and output operations in a flowchart?

- Rectangle
- Rhombus
- Parallelogram
- Circle

69. What is the smallest individual unit in a Python program?

- Keyword
- Identifier
- Literal
- Token

70. A device that connects two or more dissimilar networks is called a:

- Hub
- Switch
- Gateway
- Repeater

71. Which of the following is not classified as Digital Library Software?

- GSDLA
- Eprints
- D. Space
- Libsys

72. Which of the following is a major service provided by the Internet?

- SDI
- CAS
- Information services
- E-mail

73. According to whom "Catalogue is a list of books which is arranged on some definite plan"?

- S. R. Ranganathan
- WCB Sayers
- CA Cutter
- A Panizzi

74. Who is known as the father of Scientific Management School?

- Henry Fayol
- Frederick Winslow Taylor
- Luther Gulick
- Mayo

75. The impact factor was created by whom?

- Alan Pritchard
- David Hume
- Eugene Garfield
- Louis Brandeis

76. The 'Seven Lamps of Conduct' were suggested as a necessary code for library professionals by whom?

- Joint Council of Library Association in India (JOCLAI)
- Indian Library Association
- R.L Mittal
- S.R. Ranganathan

77. What is the name of Ranganathan's first book?

- Five Laws of Library Science
- Classified Catalogue Code
- Colon Classification
- Reference Service and Bibliography

78. Who was the founder of the world's first School of Library Science? -

- Dewey
- Sayers
- Bliss
- Ranganathan

79. What is 'Index Indiana'? -

- An index to Reference material
- An index to library science literature only
- An index to English Language literature
- An index to Indian language periodical literature

80. The 'Stopword' list is a concept applied in the field of: -

- Uniform Indexing
- Citation Indexing
- Keyword Indexing
- Chain Indexing

81. When is National Library week is celebrated in India? -

- 14-20 November
- 14-20 July
- 14-20 August
- 14-20 December

82. Among the following options, which database has not originated from USA? -

- BIOSIS
- INSPEC
- Chemical Abstracts
- MEDLARS

83. What has emerged as a result of measuring an author's productivity based on their number of publications? -

- Bradford law
- Lotka Law
- Brooks Law
- Zipf Law

84. When was the Rajasthan Public Libraries Act enacted? -

- 2006
- 2005
- 2007
- 2008

85. Arrange the following states in chronological order, from the earliest to the most recent, based on the enactment year of their public library law.

- Gujarat, Goa, Arunachal Pradesh, Uttar Pradesh
- Goa, Gujarat, Uttar Pradesh, Arunachal Pradesh
- Uttar Pradesh, Arunachal Pradesh, Goa, Gujarat
- Arunachal Pradesh, Goa, Uttar Pradesh, Gujarat

86. Where is India's "Patent Information System" located?

- Hyderabad
- Mumbai
- Nagpur
- Bangalore

87. By what process are 'Management Science' and 'Research Methodology' formed?

- Fusion
- Distillation
- Agglomeration
- Cluster

88. In the context of library science, who is associated with the term "POSDCORB"?

- Library Management
- Library Reference Service
- Library Cataloguing
- Library Automation

89. Identify the odd one out:

- Reference entry
- Added entry
- Analytical entry
- Centred entry

90. What is the source of Class Index entries?

- Class Number
- Book Number
- Call number
- Accession Number

91. What activities were involved in the acquisition of the document?

- Selection, Procurement and Accessioning
- Selection and Cataloguing
- Selection and Reference Service
- Selection and Classification

92. 'What is the purpose of the 'VuFind' tool?

- Library Automation
- Digital Library System
- Institutional Repository
- Library Resource Discovery System

93. The main area of application for the three card system is the

- Serial selection
- Book selection
- Acquisition and control of periodicals
- Circulation of book

94. Ontology is:

- Documentation services
- Cataloguing of Internet based documents
- Classification of Internet based documents
- Indexing method

95. What is the standard size of a catalogue card?

- 11.5 x 7.5 cms
- 7.5 x 7.5 cms
- 10.5 x 7.5 cms
- 12.5 x 7.5 cms

96. What does the acronym RDA stand for?

- Resource Documentation and Access
- Resource Description and Access
- Resource Delivery and Access
- Research and Documentation Activity

97. ISO-9960 is related with?

- Standard for encoding data on CD-ROM
- Standard for Computer hardware
- Standard for Information retrieval
- Standard for library

98. EZproxy is the URL-rewriting program used by libraries to enable off-campus access to online resources. Who is its developer?

- Library of Congress
- OCLC
- DRTC
- BLDSC

99. What does the acronym METS ?

- (a) Metadata Encoding and Transmission Standard
- (b) Metadata Encoded for Textual Sources
- (c) Machine Encoded Textual Standard
- (d) Machine Encoded and Transmission System

100. In the context of information, what is entropy a measure of?

- (a) Degree of relevance of information
- (b) Degree of uncertainty in information
- (c) Degree of certainty in information
- (d) Quantity of irrelevant information

Call Ticket No.:

Other Serial No.:

Call Serial No.:

Other Serial No.:

SPACE FOR ROUGH WORK

1. Which of the following is not a primary source? (a) *Writings of a historian* (b) *Archaeological artifacts* (c) *Written language of people* (d) *Written language of people* (e) *Written language of people*

2. Which of the following is not a primary source? (a) *Archaeological artifacts* (b) *Written language of people* (c) *Written language of people* (d) *Written language of people* (e) *Written language of people*

3. The main area of study that concerns a government's policies in relation to its citizens is called (a) *World War II* (b) *Political science* (c) *Geography* (d) *Democracy* (e) *Geography*

4. Which of the following is not a primary source? (a) *Written language of people* (b) *Archaeological artifacts* (c) *Written language of people* (d) *Written language of people* (e) *Written language of people*

5. Which of the following is not a primary source? (a) *Written language of people* (b) *Archaeological artifacts* (c) *Written language of people* (d) *Written language of people* (e) *Written language of people*

6. Which of the following is not a primary source? (a) *Written language of people* (b) *Archaeological artifacts* (c) *Written language of people* (d) *Written language of people* (e) *Written language of people*

7. Which of the following is not a primary source? (a) *Written language of people* (b) *Archaeological artifacts* (c) *Written language of people* (d) *Written language of people* (e) *Written language of people*

8. Which of the following is not a primary source? (a) *Written language of people* (b) *Archaeological artifacts* (c) *Written language of people* (d) *Written language of people* (e) *Written language of people*

9. Which of the following is not a primary source? (a) *Written language of people* (b) *Archaeological artifacts* (c) *Written language of people* (d) *Written language of people* (e) *Written language of people*

10. Which of the following is not a primary source? (a) *Written language of people* (b) *Archaeological artifacts* (c) *Written language of people* (d) *Written language of people* (e) *Written language of people*

