Question Booklet Code	FREE MOCK 001	Paper-I	Question Booklet No.
A	Roll No.		

Time Allowed : 10:00 a.m. to 12:00 noon (2 Hours) **Total Marks : 100**
(1 mark for each question)

Before filling the OMR Answer-Sheet, the candidate must ensure that all the pages from 1-15 are printed in order in the Question Booklet and ensure that the OMR Answer-Sheet belongs to him/her only. In case of any discrepancy, immediately inform the Invigilator to replace your Question Booklet/OMR Answer-Sheet.

IMPORTANT INSTRUCTIONS

- **Do not open the Question Booklet before 10:00 a.m. in the Examination Hall.**
- **Read the questions carefully before marking the right answer with blue/black ballpoint pen only in the appropriate circle of the OMR Answer-Sheet, as firstly there is provision of negative marking of ½ mark per question for wrong answer, and secondly no extra OMR Answer-Sheet will be provided for any mistake or correction.**
- **In cases where candidate selects more than one option of a question, the question will not be evaluated.**
- **In case of use of Non-Standard OMR Answer-Sheet, the candidate must properly write his/her Roll No., Question Booklet Serial No., Question Booklet Code in the space provided in the OMR Answer-Sheet by shading and by writing in alphabet and numerical on the front page as well as on the back page. Otherwise the OMR Answer-Sheet will not be evaluated.**
- Candidates will have to sign twice, once in the Photo Attendance Sheet presented by the Invigilator on duty after taking their seats in the Examination Hall, and the other, at the time of handing over their **OMR Answer-Sheet** to the Invigilator after the completion of the Examination. Cases where a candidate has not signed while submitting the **OMR Answer-Sheet**, he/she shall be treated as absent.
- Candidate should clearly write his/her Roll No. in the space provided in the Question Booklet.
- **The candidate should make sure that the Question Booklet No. and corresponding Question Booklet Code is properly written/shaded in the OMR Answer-Sheet by him/her. For example, in filling up the Question Booklet Code, if the candidate gets Question Booklet Code A, then he/she should fill up A in the box provided in the OMR Answer-Sheet and also shade the circle A in the OMR Answer-Sheet.**
- Candidate should do all the necessary rough work on the Question Booklet in the space provided. Rough work should not be done on the OMR Answer-Sheet or on any other paper. If any rough work or overwriting is done or whitener is used on the OMR Answer-Sheet, the OMR Answer-Sheet will not be assessed.
- **In case of any discrepancy or confusion in the medium/version of the questions, the English version will be treated as the authentic version.**
- No candidate will be allowed to leave the Examination Centre during the examination hours.
- Any candidate found using unfair means including carrying restricted items like mobile phone, calculator or any electronic gadget or objectionable materials, etc., which are not allowed in the examination halls/rooms shall be disqualified.

All 100 questions carry 1 mark each.

1. Sukladhwaj, popularly known as Chilarai, was a leading military commander of the

(A) Kachari kingdom (B) Pala kingdom of Bengal
(C) Chutiya kingdom (D) Koch kingdom

2. The Battle of Alaboi, fought before the Battle of Saraighat, took place in which year?

(A) 1669 (B) 1658 (C) 1682 (D) 1673

3. In which year was the Gandhi-Irwin Pact signed?

(A) 1930 (B) 1932 (C) 1931 (D) 1928

4. The Vikramankadevacharita was written by

(A) Harisena (B) Bilhana (C) Banabhatta (D) Kalidasa

5. The Phulaguri peasant uprising of 1861 took place in the present-day district of

(A) Cachar (B) Nagaon (C) Sivasagar (D) Darrang

6. The Assamese periodical Orunodoi began publication from Sibsagar in

(A) 1846 (B) 1826 (C) 1889 (D) 1872

7. The Ahom victory at Itakhuli in 1682 occurred during the reign of

(A) Rudra Singha (B) Gadadhar Singha (C) Pratap Singha (D) Suhungmung

8. Who led the Bardoli Satyagraha in 1928?

(A) Jawaharlal Nehru (B) Rajendra Prasad
(C) Vallabhbhai Patel (D) C. Rajagopalachari

9. At which session did the Indian National Congress split into the Moderates and the Extremists in 1907?

(A) Calcutta (B) Lahore (C) Surat (D) Madras

10. Kanaklata Barua was shot while leading a procession towards which police station in 1942?

(A) Dhekiajuli (B) Mangaldoi (C) Tezpur (D) Gohpur

11. Patharughat, associated with the peasant killings of 1894, is situated in which district of Assam?

(A) Dhemaji (B) Nalbari (C) Goalpara (D) Darrang

12. The Ghadar movement originated among Indian expatriates primarily in

(A) Japan (B) Australia (C) North America (D) South Africa

13. The Chittagong Armoury Raid of 1930 was led by

(A) Khudiram Bose (B) Rash Behari Bose (C) Jatin Das (D) Surya Sen

14. Who wrote the Harshacharita, an important literary source for the reign of Harshavardhana?

(A) Dandin (B) Bilhana (C) Kalhana (D) Banabhatta

15. The earliest Buranjis of the Ahom court were primarily written in which language?

(A) Tai-Ahom (B) Bengali (C) Sanskrit (D) Persian

16. The Lion Capital adopted as the basis of India's State Emblem originally stood at

(A) Bodh Gaya (B) Sarnath (C) Sanchi (D) Nalanda

17. Which Veda is especially associated with melodies and chants used in sacrifices?

(A) Rigveda (B) Samaveda (C) Atharvaveda (D) Yajurveda

18. Piyoli Phukan, who resisted British rule in Assam, was executed in which year?

(A) 1830 (B) 1826 (C) 1857 (D) 1861

19. In which event did Bhogeswar Baruah win a gold medal at the 1966 Asian Games?

(A) 400 metres (B) 3000 metres steeplechase
(C) 1500 metres (D) 800 metres

20. Who founded the Servants of the People Society, also known as Lok Sevak Mandal, in 1921?

(A) Gopal Krishna Gokhale (B) Bal Gangadhar Tilak
(C) Lala Lajpat Rai (D) Bipin Chandra Pal

21. The Fourth Buddhist Council traditionally associated with Kashmir was held under the patronage of

(A) Kanishka (B) Ashoka
(C) Chandragupta Maurya (D) Harshavardhana

22. In which year was Assam separated from Bengal and placed under a Chief Commissioner, with Shillong as its capital?

(A) 1905 (B) 1912 (C) 1874 (D) 1858

23. Who served as the first president of the Assam Association established in 1903?

(A) Manik Chandra Baruah (B) Jagannath Barooah
(C) Tarun Ram Phookan (D) Raja Prabhat Chandra Barua

24. The Vernacular Press Act of 1878 was enacted during the viceroyalty of

(A) Lord Ripon (B) Lord Lytton (C) Lord Curzon (D) Lord Dufferin

25. The devotional work Namghosa was composed by

(A) Madhavdeva (B) Bhattadeva (C) Sankardev (D) Hem Saraswati

26. The distinctive architectural style associated with the principal shrine of Kamakhya is known as the

(A) Kalinga style (B) Nilachala style
(C) Dravida style (D) Maru-Gurjara style

27. The Regulating Act of 1773 created the office of Governor-General of Bengal. Who was its first holder?

(A) Warren Hastings (B) William Bentinck (C) Lord Ripon (D) Lord Wellesley

28. Akbar established the Ibadat Khana at Fatehpur Sikri mainly for

(A) storing land-revenue records (B) conducting overseas trade
(C) religious and philosophical discussions (D) training cavalry officers

29. The Battle of the Hydaspes between Alexander and Porus was fought near which present-day river?

(A) Jhelum (B) Sutlej (C) Chenab (D) Ravi

30. Which inscription of Samudragupta mentions Kamarupa among the frontier states?

(A) Junagadh inscription of Rudradaman (B) Aihole inscription
(C) Hathigumpha inscription (D) Allahabad Pillar inscription

31. Who was the father of Lachit Barphukan?

(A) Atan Burhagohain (B) Momai Tamuli Borbarua
(C) Purnananda Burhagohain (D) Laluk Sola Borphukan

32. Which noble gas is commonly used to fill incandescent electric bulbs to reduce evaporation of the filament?

(A) Radon (B) Helium (C) Argon (D) Neon

33. Which hill range forms part of the natural boundary between India and Myanmar in the northeast?

(A) Patkai (B) Satpura (C) Aravalli (D) Vindhya

34. Which Assamese film received a President's Certificate of Merit in 1955, becoming the first film from the northeast to receive this recognition?

(A) Piyoli Phukan (B) Badan Borphukan (C) Ranga Police (D) Siraj

35. The sour taste of curd is chiefly due to the presence of

(A) oxalic acid (B) lactic acid (C) citric acid (D) acetic acid

36. Which Assamese cultural personality is popularly honoured as 'Kalaguru'?

(A) Bishnu Prasad Rabha (B) Jyoti Prasad Agarwala
(C) Bhupen Hazarika (D) Lakshminath Bezbaroa

37. Unless Parliament provides otherwise by law, the quorum for a meeting of either House is

(A) one-tenth of its total membership (B) one-half of its total membership
(C) one-fifth of its total membership (D) one-third of its total membership

38. Because of its retrograde rotation, on which planet would the Sun appear to rise in the west and set in the east?

(A) Mars (B) Venus (C) Neptune (D) Jupiter

39. At ordinary room temperature, sound generally travels fastest through which of the following media?

(A) Water (B) Air
(C) Carbon dioxide gas (D) Steel

40. National Voters' Day is observed on 25 January to mark the establishment of the

(A) Supreme Court of India (B) Union Public Service Commission
(C) Constituent Assembly of India (D) Election Commission of India

41. Lovlina Borgohain won her Tokyo Olympics bronze medal in which women's boxing weight category?

(A) Welterweight, 69 kg (B) Middleweight, 75 kg
(C) Lightweight, 60 kg (D) Flyweight, 51 kg

42. After entering Bangladesh, the main channel of the Brahmaputra is known as the

(A) Meghna (B) Teesta (C) Jamuna (D) Padma

43. The Hoollongapar Gibbon Sanctuary is particularly associated with the conservation of which primate?

(A) Lion-tailed macaque
(B) Golden snub-nosed monkey
(C) Orangutan
(D) Hoolock gibbon

44. Which river hosted the opening ceremony of the Paris 2024 Olympic Games?

(A) Rhine (B) Thames (C) Seine (D) Danube

45. Which wetland became Assam's first Ramsar site in 2002?

(A) Maguri-Motapung Beel
(B) Son Beel
(C) Deepor Beel
(D) Chandubi Lake

46. Who became the first Indian woman to win an Olympic medal in boxing, at London 2012?

(A) Mary Kom
(B) Sarita Devi
(C) Lovlina Borgohain
(D) Nikhat Zareen

47. Which type of computer memory normally loses its stored contents when the power supply is switched off?

(A) Flash memory
(B) ROM
(C) Solid-state drive storage
(D) RAM

48. The Bhupen Hazarika Setu, also called the Dhola-Sadiya Bridge, spans which river?

(A) Subansiri (B) Dibang (C) Lohit (D) Siang

49. Which organisation developed the Unified Payments Interface (UPI)?

(A) Securities and Exchange Board of India
(B) National Payments Corporation of India
(C) Insurance Regulatory and Development Authority of India
(D) Comptroller and Auditor General of India

50. The Badungduppa theatre centre and the 'Under the Sal Tree' theatre festival are associated with

(A) Sukracharjya Rabha
(B) Bhabendra Nath Saikia
(C) Jyoti Prasad Agarwala
(D) Ratan Lahkar

51. What is the headquarters of the Dima Hasao district of Assam?

(A) Diphu (B) Haflong (C) Hojai (D) Hamren

52. Halley's Comet returns to the inner Solar System approximately once every

(A) 76 years (B) 24 years (C) 50 years (D) 150 years

53. The Berry White Medical School, which later developed into Assam Medical College, was located at

(A) Guwahati (B) Dibrugarh (C) Jorhat (D) Silchar

54. A suitable fuse wire should have which combination of properties?

(A) Low resistivity and low thermal expansion only

(B) Low resistivity and high melting point

(C) Relatively high resistivity and low melting point

(D) High resistivity and high melting point

55. Which plant is a major food plant of the eri silkworm?

(A) Tea (B) Castor (C) Mustard (D) Sugarcane

Read the following passage and answer Questions 56-61.

At a district athletics camp, the four fastest runners were expected to form the relay team. The proposal seemed sensible: if each runner covered an individual section quickly, their combined performance should be superior. Yet the team repeatedly finished behind another group whose members had slower individual timings. Some spectators blamed a lack of determination, while others demanded more intense training.

The coach resisted both explanations until she had examined the race recordings. She found that the faster team lost time at the exchanges. One runner began too early and had to slow down to receive the baton; another looked back repeatedly instead of trusting the incoming runner's call. These small interruptions were difficult to notice from the stands, but together they cancelled much of the advantage gained through individual speed.

Rather than replacing the runners immediately, the coach changed the practice sessions. The athletes rehearsed their starting marks, agreed on a clear signal and learned how their teammates accelerated when tired. The coach also recorded exchange times under similar conditions. She did not compare a fresh morning session with a race held after several demanding events, because such a comparison could make an ordinary performance appear unusually poor.

Improvement was gradual. A smooth exchange on one occasion did not prove that the difficulty had been solved. The team had to repeat the movement reliably, including under pressure. At first, one runner complained that the new exercises were too modest to produce a serious result. Later, after watching a recording, he admitted that an apparently minor hesitation had cost more time than he could recover by sprinting harder.

The experience did not show that individual speed was unimportant. Without sufficient speed, even excellent coordination would have limited value. It showed instead that a team's result depends on how

different abilities work together. Selecting athletes solely by their individual timings would overlook an important part of the event. Equally, a runner who struggled with exchanges at first should not automatically be dismissed as incapable of learning them.

By the end of the camp, the athletes had become more willing to discuss mistakes without treating every criticism as an attack. The coach regarded this change as valuable, although she did not promise that careful preparation would guarantee victory. Other teams could improve too, and competition always involved uncertainty. Her aim was more practical: to replace confident guesses with useful evidence, and to make the team's performance more consistent.

56. Which statement best reflects the author's view of individual ability and teamwork?

(A) The fastest individuals must always form the best team.

(B) A runner who makes an early mistake cannot improve.

(C) Individual speed and coordination both contribute to the team's result.

(D) Coordination makes individual speed entirely unnecessary.

57. What can be inferred from the coach's refusal to promise victory?

(A) The athletes had already reached their maximum possible ability.

(B) Better preparation can improve performance without removing all uncertainty.

(C) The coach believed that preparation had no practical value.

(D) The coach expected all opposing teams to remain unchanged.

58. Why did the coach compare exchange times under similar conditions?

(A) To prove that race recordings were unnecessary.

(B) To prevent the athletes from practising in the morning.

(C) To ensure that every training session produced exactly the same result.

(D) To avoid drawing conclusions from performances affected by different levels of fatigue.

59. Why did the faster team initially lose to runners with slower individual timings?

(A) It lost its advantage through inefficient baton exchanges.

(B) Individual speed has no effect on relay performance.

(C) The other team was allowed to run a shorter distance.

(D) Its members deliberately reduced their speed.

60. Which description best captures the tone of the passage?

(A) Angry and accusatory

(B) Mocking and dismissive

(C) Unconditionally celebratory

(D) Analytical and cautiously optimistic

61. In the passage, the word "modest" most nearly means

(A) limited in scale or apparently unambitious

(B) impolite and boastful

(C) secret and deliberately misleading

(D) impossible to understand

62. Evaluate: √(28 + √(55 + √(70 + √(105 + √256)))).

(A) 9 (B) 7 (C) 6 (D) 8

63. The average of nine consecutive odd integers is 35. What is the sum of the largest four of these integers?

(A) 164 (B) 156 (C) 152 (D) 160

64. A direction sign has rotated so that the arm originally marked East now points towards North. A traveller first follows the arm marked South and then turns right. In which actual direction does the traveller finally move?

(A) North (B) East (C) West (D) South

65. In a code, A + B means A is B's father; A − B means A is B's sister; A × B means A is B's mother; and A ÷ B means A is B's brother. Which expression shows that P is Q's maternal uncle?

(A) P × R ÷ Q (B) P ÷ R × Q (C) P + R × Q (D) P ÷ R + Q

66. A hypothetical year contains 366 days. If its first day is Monday, on which day of the week does its last day fall?

(A) Wednesday (B) Sunday (C) Monday (D) Tuesday

67. One term is incorrect in the following series. Identify it.
5, 11, 23, 47, 95, 190, 383

(A) 47 (B) 23 (C) 95 (D) 190

68. Six people have different heights. A is taller than B but shorter than C. D is taller than C. E is shorter than B, and F is taller than D. Who is the third tallest?

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

69. In a code language, "trees need water" is written as "pa ki so"; "birds need shelter" as "zu ki me"; and "water helps birds" as "so na zu". The order of codes within a statement is unspecified. Which code means "shelter"?

(A) me (B) na (C) zu (D) ki

70. Reema is the sister of Kunal's mother. Arup is Reema's husband. How is Arup related to Kunal?

(A) Maternal grandfather (B) Brother-in-law

(C) Father's brother (D) Maternal aunt's husband

71. A chord of a circle of radius 12 cm has length 12 cm. The endpoints of the chord are joined to the centre. What is the area of the triangle so formed?

(A) 36 cm^2 (B) $36\sqrt{3}$ cm^2 (C) 144 cm^2 (D) $72\sqrt{3}$ cm^2

72. A bag contains Rs. 1, Rs. 2 and Rs. 5 coins in the ratio 3 : 4 : 2 by number. Their total value is Rs. 1,260. How many Rs. 2 coins are there?

(A) 120 (B) 240 (C) 300 (D) 180

73. A cyclist covers three equal sections of a journey at 18 km/h, 24 km/h and 36 km/h respectively, without stopping. What is the average speed for the whole journey?

(A) 27 km/h (B) 26 km/h (C) 28 km/h (D) 24 km/h

74. In a naming code, a compass is called a torch, a torch is called a whistle, a whistle is called a rope and a rope is called a compass. What would be called for, in this code, to determine the direction of north?

(A) Compass (B) Whistle (C) Torch (D) Rope

75. What is the greatest five-digit integer exactly divisible by 18, 24 and 30?

(A) 99,720 (B) 99,840 (C) 99,960 (D) 99,900

76. Six cyclists P, Q, R, S, T and U move in a fixed cyclic order, without overtaking. Q is immediately ahead of P, R is immediately ahead of Q, S is immediately ahead of R, T is immediately ahead of S and U is immediately ahead of T. Who is third ahead of U?

(A) Q (B) R (C) P (D) S

77. Evaluate: $(613 + 387)^2 - 4 \times 613 \times 387$.

(A) 51,706 (B) 52,076 (C) 51,076 (D) 50,176

78. The radius of a sphere is first increased by 10% and then the new radius is decreased by 10%. What is the net percentage change in its volume?

(A) 3.0301% increase (B) 1% decrease (C) 2.9701% increase (D) 2.9701% decrease

79. A shop reduces an item's price by 12% and then by a further 10%. By what percentage must the reduced price be increased to restore the original price? Give your answer to two decimal places.

(A) 26.26% (B) 22.00% (C) 25.00% (D) 20.80%

80. Pointing to a woman, Nayan says, "Her father is the only son of my mother's father." How is the woman related to Nayan? Assume that the stated family relationships are biological.

(A) Maternal uncle's daughter (B) Mother's sister

(C) Sister (D) Father's sister

81. Which of the following years has the same calendar as 2025, with the same weekday for every corresponding date?

(A) 2026 (B) 2031 (C) 2030 (D) 2027

82. At how many minutes after 2 o'clock will the hands of a correctly functioning clock first coincide?

(A) $\frac{140}{11}$ minutes (B) $\frac{130}{11}$ minutes

(C) $\frac{125}{11}$ minutes (D) $\frac{120}{11}$ minutes

83. Find the fourth proportional to $\frac{3}{5}$, $\frac{9}{10}$ and $\frac{8}{15}$, in that order.

(A) $\frac{5}{4}$ (B) $\frac{4}{5}$ (C) $\frac{8}{9}$ (D) $\frac{3}{4}$

84. Using the usual positions of letters in the English alphabet, complete the analogy:
C : 27 :: E : 125 :: G : ?

(A) 256 (B) 216 (C) 343 (D) 512

85. A and B together finish a task in 18 days, B and C in 24 days, and C and A in 36 days. Assuming constant individual work rates, how many days would A alone take?

(A) 40 (B) 54 (C) 48 (D) 72

86. An equilateral triangle, a square and a circle have equal areas. If their perimeters are T, S and C respectively, which relation is correct?

(A) C < S < T (B) C < T < S (C) S < C < T (D) T < S < C

87. Eight identical machines produce 2,400 parts by working 6 hours a day for 5 days. How many parts will 12 such machines produce by working 8 hours a day for 4 days, at the same constant rate?

(A) 4,320 (B) 3,600 (C) 3,840 (D) 4,800

88. What comes next in the series?
A2, D5, G8, J11, ?

(A) M13 (B) L14 (C) M14 (D) N15

89. How many two-digit positive integers are divisible by 3 or 5, including those divisible by both?

(A) 36 (B) 42 (C) 48 (D) 44

90. A rectangular enclosure measures 96 m by 64 m. Fence posts are placed every 4 m along the boundary, except across one 8 m gate. A post is required at each end of the gate, and no post is placed between the gate ends. How many posts are needed?

(A) 80 (B) 78 (C) 81 (D) 79

91. How many positive factors of 900 are perfect squares, including 1?

(A) 8 (B) 9 (C) 6 (D) 12

92. A student multiplies a positive number by $\frac{7}{9}$ instead of $\frac{9}{7}$. By what percentage is the calculated result less than the correct result? Round to two decimal places.

(A) 22.22% (B) 39.51% (C) 65.31% (D) 28.57%

93. A person walks 16 m east, then 9 m north, then 4 m west and finally 14 m south. What is the shortest distance between the final position and the starting point?

(A) 19 m (B) 25 m (C) 13 m (D) 17 m

94. A batter averages 38 runs over 12 innings. After the next two innings, the average rises to 41. What is the average score in those two innings?

(A) 59 (B) 56 (C) 62 (D) 65

95. A traveller completes $\frac{2}{7}$ of a journey by train and $\frac{3}{8}$ by bus. The remaining 57 km is covered by taxi. What is the total length of the journey?

(A) 196 km (B) 152 km (C) 168 km (D) 176 km

96. Simplify: $\frac{36}{45} \div \frac{14}{25} \times \frac{7}{12}$.

(A) $\frac{7}{9}$ (B) $\frac{5}{6}$ (C) $\frac{6}{5}$ (D) $\frac{4}{5}$

97. ABC is a three-digit number. Its digits satisfy A + B = 10, B + C = 8 and A + C = 12. What is the difference between the number and the number obtained by reversing its digits?

(A) 99 (B) 297 (C) 396 (D) 198

98. Eight people, consisting of four married couples, attend a meeting. Each person shakes hands exactly once with every person except their own spouse. How many handshakes occur?

(A) 20 (B) 32 (C) 28 (D) 24

99. A shop has 90 garments, each either a shirt or a jacket and either black or white. There are 54 shirts and 38 black garments. If 15 jackets are white, how many shirts are white?

(A) 33 (B) 31 (C) 37 (D) 39

100. The present ages of a mother and her son are in the ratio 7 : 2. Eight years ago, their ages were in the ratio 11 : 2. What is the mother's present age?

(A) 70 years (B) 77 years (C) 63 years (D) 56 years

- End of Questions -

T.A.G. ACADEMY

SPACE FOR ROUGH WORK

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