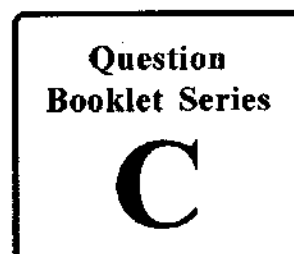


**MIZORAM PUBLIC SERVICE COMMISSION**  
**COMPETITIVE EXAMINATION FOR SUB-INSPECTOR OF EXCISE &**  
**NARCOTICS UNDER EXCISE & NARCOTICS DEPARTMENT,**  
**GOVERNMENT OF MIZORAM,**  
**(APRIL-2025)**

**QUESTION BOOKLET**

**PAPER-II**

**(General Knowledge & Reasoning)**



Time Allowed : 2 hours

Maximum Marks : 200

**INSTRUCTIONS**

1. Immediately after the commencement of the examination, you should check that this question booklet does not have any unprinted or torn or missing pages or items, etc. If so, get it replaced by a complete question booklet of the same series.
2. Write and encode clearly the question booklet series A, B, C or D as the case may be in the space provided in the OMR Answer Sheet.
3. **Particulars/Details to be filled up in the OMR Answer Sheet should be filled up completely and correctly, OMR Answer Sheet of candidates failing to do so will NOT be evaluated.**
4. This Question Booklet contains 100 questions carrying 2 marks each. Each item comprises of four alternative responses to choose for answer. Mark the response you want on the OMR Answer Sheet.
5. You have to mark all your responses only on the separate OMR Response Sheet provided. See directions in the OMR Answer Sheet.
6. After the examination has concluded, you should hand over the OMR Answer Sheet to the Invigilator only. You are permitted to take away with you the Question Booklet.
7. Separate sheets for rough work will be provided in the Examination Hall.
8. There are no negative marks for incorrect answer.

1. The HCF and LCM of two numbers are 13 and 1989, respectively. If one of the numbers is 117, then the other number is -  
(a) 222 (b) 223  
(c) 221 (d) 225
2. If the product of two fractions is  $16\frac{1}{9}$  and one of the fractions is  $4\frac{2}{7}$ , then find the other fraction.  
(a)  $20\frac{3}{16}$  (b)  $20\frac{16}{63}$   
(c)  $64\frac{2}{54}$  (d)  $3\frac{41}{54}$
3. The product of  $(-6) \times (-5) \times (-11)$  is -  
(a) 330 (b) -330  
(c)  $\pm 330$  (d) None of these
4. Arrange the fraction  $\frac{3}{5}, \frac{7}{9}, \frac{11}{13}$  in descending order.  
(a)  $\frac{3}{5}, \frac{7}{9}, \frac{11}{13}$  (b)  $\frac{7}{9}, \frac{3}{5}, \frac{11}{13}$   
(c)  $\frac{11}{13}, \frac{3}{5}, \frac{7}{9}$  (d)  $\frac{11}{13}, \frac{7}{9}, \frac{3}{5}$
5. Find The least number of 6-digits which is a perfect square.  
(a) 100489 (b) 100089  
(c) 100480 (d) 100049
6. LCM of 24, 36 and 60 is -  
(a) 360 (b) 450  
(c) 420 (d) 320
7. Subtract -29 from -53 and add -16 to the result. The answer is -  
(a) -98 (b) 8  
(c) -40 (d) -66
8. What is the sum of first 37 odd numbers?  
(a) 1639 (b) 1369  
(c) 1365 (d) 1425
9. 89% of ? + 365 = 1075.22  
(a) 798 (b) 897  
(c) 898 (d) 752
10. Cube root of -64 is -  
(a) -8 (b) 4  
(c) -4 (d) 3
11. The price of potato is decreased by 10%. If the price of potato was ₹12 per kg, the present price is-  
(a) ₹10.60 (b) ₹10.70  
(c) ₹10.80 (d) ₹10.90

12. Divide ₹990 into 3 parts in such a way that half of the first part, one-third of the second part and one-fifth of the third part are equal.
- (a) 198,494,298 (b) 200,300,490  
(c) 198,297,495 (d) 196,298,496
13. Twice of one number added to three times another number gives 21. If the difference of the numbers is 3, the numbers are –
- (a) 2 and 3 (b) 2 and 4  
(c) 5 and 3 (d) 6 and 3
14. A shopkeeper marked the price 10% more than its cost price. If he allows a discount of 20%, then find his loss percent.
- (a) 9 % (b) 15 %  
(c) 18 % (d) 12 %
15. In what time will the simple interest be  $\frac{2}{5}$  of the principal at 8% per annum?
- (a) 7 years (b) 5 years  
(c) 8 years (d) 6 years
16. In an examination, 50% of the candidates failed in English, 40% failed in Hindi and 15% failed in both the subjects. The percentage of candidates who passed in both English and Hindi is-
- (a) 20% (b) 25 %  
(c) 60% (d) 75%
17. A plot is in the form of a square and its perimeter is 160 metres. The cost of laying grass at the rate of ₹30 per square metre is –
- (a) ₹42,000 (b) ₹44,000  
(c) ₹46,000 (d) ₹48,000
18. In a group of 35 students, 18 play volleyball, 13 play badminton and 11 play neither sport. How many play both the games?
- (a) 4 (b) 5  
(c) 6 (d) 7
19. Smith and Ajit can complete a task in 12 days and 18 days respectively. If they work together on the task for 4 days, then the fraction of the task that will be left is
- (a)  $\frac{5}{9}$  (b)  $\frac{2}{9}$   
(c)  $\frac{4}{9}$  (d)  $\frac{1}{9}$
20. A man can do a piece of work in 6 days which he can complete in 4 days when his friend helps him. His friend can complete the work alone in –
- (a) 12 days (b)  $\frac{1}{12}$   
(c) 6 days (d) 4 days
21. The median and mode for the data 17, 2, 7, 27, 25, 5, 14, 18, 10, 24, 48, 10, 8, 7, 10, 28 is –
- (a) 12 and 10 (b) 14 and 10  
(c) 18 and 10 (d) 10 and 10

22. The area of a rectangle is 1.8 times the area of a square. The length of the rectangle is 5 times the breadth. The side of the square is 20 cm. What is the perimeter of the rectangle?  
 (a) 145 cm (b) 135 cm  
 (c) 133 cm (d) 144 cm
23. A started a business by investing ₹25,000. At the end of 4th month from the start of the business, B join with ₹15,000 and at the end of 6th month from the start of the business, C joined with ₹20,000. If A's share in profit at the end of the year was ₹7750. What was the total profit received?  
 (a) ₹13,810 (b) ₹12,780  
 (c) ₹13,920 (d) ₹ 13,950
24. 24 apples are divided in two parts in such a way that if 7 times of first part is added to 5 times the second part, then their sum becomes 146. Find the first part.  
 (a) 27 (b) 18  
 (c) 13 (d) 23
25. A person covers a distance of 20 km by bus in 35 minutes. After deboarding the bus, he took rest for 20 minutes and covers another 10 km by a taxi in 20 minutes. Find his average speed for the whole journey.  
 (a) 30 km/hr (b) 60km/hr  
 (c) 48 km/hr (d) 24 km/hr
26. There are 30 boys and 60 girls in a class. If the average age of boys is 12 years and average age of girls is 10 years, then what is the average age of the whole class?  
 (a) 10 years (b) 10.66 years  
 (c) 11.5 years (d) 11.66 years
27. A bag contains 3 red balls, 5 white balls and 7 black balls. The probability that a ball drawn from the bag at random will be neither red nor black is –  
 (a)  $\frac{2}{5}$  (b)  $\frac{1}{3}$   
 (c)  $\frac{8}{15}$  (d)  $\frac{7}{15}$
28. A ladder is placed against a wall such that its foot is at the distance of 6 m from the wall and its top reaches a window 8 m above the ground. The length of the ladder is -  
 (a) 10 m (b) 11 m  
 (c) 12m (d) 13 m
29. If the roots of the equation  $px^2 + x + r = 0$  are reciprocal to each other, then which one of the following is correct?  
 (a)  $p = r$  (b)  $p = 2r$   
 (c)  $2p = r$  (d)  $p = 4r$
30. The coefficient of  $x^2$  in  $(2x + y)^3$  is  
 (a)  $12y^2$  (b)  $12y$   
 (c) 8 (d) 12

**Directions (Question No. 31) :** The given pair of words contains a specific relationship to each other. Select the best pair of choices which express the same relationship

31. Ocean: Pacific and Island: ?  
 (a) Greenland (b) Ireland  
 (c) Netherland (d) Borneo

32. Choose the odd one from the given options.

- |           |           |
|-----------|-----------|
| (a) CE7   | (b) AZ 27 |
| (c) CJ 17 | (d) LP 28 |

**Direction (Questions No. 33 - 34) :** Look at the series, find out the number that should come next.

33. 12, 11, 13, 12, 14, 13,.....?

- |        |        |
|--------|--------|
| (a) 15 | (b) 16 |
| (c) 13 | (d) 10 |

34. 2, 1,  $\frac{1}{2}$ ,  $\frac{1}{4}$ , ....?

- |                    |                   |
|--------------------|-------------------|
| (a) $\frac{1}{3}$  | (b) $\frac{1}{8}$ |
| (c) $\frac{1}{16}$ | (d) $\frac{2}{3}$ |

**Direction (Question No. 35) :** Look at the pattern and fill in the blank either in the middle of the series or end of the series.

35.  $B_2CD$ , \_\_\_\_\_,  $BCD_4$ ,  $B_5CD$ ,  $BC_6D$

- |               |             |
|---------------|-------------|
| (a) $B_2C_2D$ | (b) $BC_3D$ |
| (c) $B_2C_3D$ | (d) $BCD_7$ |

36. IF HELMET is written as IFMNFU. CHOCOLATE is written as

- |               |               |
|---------------|---------------|
| (a) DIDPMPBUF | (b) EIDPMPBUF |
| (c) DIPDPMBUF | (d) DIPDPMBUF |

37. A is C's son. C and Q are sisters. Z is Q's mother. P is the son of Z. How is P related to A?

- |             |                    |
|-------------|--------------------|
| (a) Brother | (b) Maternal uncle |
| (c) Uncle   | (d) Grandfather    |

38. The length and breadth of a room are 8 metre and 6 metre respectively. A cat runs along all the four walls and finally along a diagonal in order to catch a rat. How much total distance is covered by the cat?

- |              |              |
|--------------|--------------|
| (a) 10 metre | (b) 14 metre |
| (c) 38 metre | (d) 48 metre |

39. If 'x' means subtraction, '+' means multiplication and '-' means addition, then find the value of the following equation.

$$12 + (3 \times 1) + 4 - 1 = ?$$

- |        |        |
|--------|--------|
| (a) 98 | (b) 96 |
| (c) 75 | (d) 97 |

40. Matthew told his friend John, pointing to a photograph. "Her father is the only son of my mother." The photograph shows?

- |                      |                        |
|----------------------|------------------------|
| (a) Matthew's niece  | (b) Matthew's daughter |
| (c) Matthew's mother | (d) Matthew's sister   |

41. If the sequence of alphabets is reversed which of the following will be the 14<sup>th</sup> Letter?

- |       |       |
|-------|-------|
| (a) N | (b) O |
| (c) L | (d) M |

42. Vana is 7 ranks ahead of Mapuia in a class of 39. If Mapuia rank is seventeenth from the last, what is Vana's rank from the start?

- |                      |                      |
|----------------------|----------------------|
| (a) 14 <sup>th</sup> | (b) 15 <sup>th</sup> |
| (c) 16 <sup>th</sup> | (d) 17 <sup>th</sup> |

**Directions (Questions No. 43-45) : Read the following information carefully to answer the questions that follow.**

- I. There is a family of six members
- II. Members are A, B, C, D, E and F
- III. A and B are married couple, B being the female member
- IV. B is the daughter-in-law of F
- V. D is the only son of C
- VI. E is the sister of D.
- VII. F's husband is not alive
- VIII. C is A's brother

43. How is F related to C?

- |            |                   |
|------------|-------------------|
| (a) Sister | (b) Mother        |
| (c) Aunt   | (d) Mother-in-law |

44. How many females are there in the family?

- |       |       |
|-------|-------|
| (a) 3 | (b) 4 |
| (c) 5 | (d) 2 |

45. How is F related to A?

- |                   |                   |
|-------------------|-------------------|
| (a) Sister        | (b) Mother-in-law |
| (c) Sister-in-law | (d) Mother        |

46. Choose the alternative which closely resembles the mirror image of the given combination.

**TARAIN1014A**

**(1) A1014IARAT**

**(3) A1014TARAIN**

(a) 1

(c) 3

**(2) A1014IARAT**

**(4) A1014IARAT**

(b) 2

(d) 4

47. Select a suitable figure from the Answer Figures that would replace the question mark (?).

**Problem Figures:**



(a) (b) (c) (d)

(a) 1

(c) 3

**Answer Figures:**



(1) (2) (3) (4) (5)

(b) 2

(d) 4

48. Which of the following diagram represents a Country, States and District?



49. A statement followed by two courses of actions numbered I and II is given below. Describe which of the courses of action logically follows and give answer as:
- (a) Only I follows (b) Only II follows  
(c) Either I or II follows (d) Neither I nor II follows

**Statement:** The company 'X' has decided to give 10% increase in salary to its employees from next month.

**Courses of Action:**

- I. The accounts department will have to prepare new salary statement for all employees before due date  
II. Employees association should ask for more rise in the salary considering the market conditions

50. The greatest blessing that technological progress has in store for mankind is not, of course, an accumulation of material possessions. The amount of these that can be effectively enjoyed by one individual in one lifetime is not great. But there is not the same narrow limit to the possibilities of the enjoyment of leisure. The gift of leisure may be abused by people who have had no experience of making use of it. Yet the creative use of leisure by societies has been the mainspring of all human progress beyond the primitive level.

With reference to the above passage, the following assumptions have been made:

1. People always see the leisure time as a gift and use it for acquiring more material possession  
2. Use of leisure by some people produce new and original things has been the chief source of human progress.

Which of these assumptions is/are valid?

- (a) 1 only (b) 2 only  
(c) Both 1 and 2 (d) Neither 1 nor 2
51. Which ministry organized the event "Bharat Parv 2025" at Red Fort?  
(a) Ministry of Tourism (b) Ministry of Culture  
(c) Ministry of Finance (d) Ministry of Home Affairs
52. Where will the 17th BRICS Summit be hosted in 2025?  
(a) Rio de Janeiro (b) Beijing  
(c) New Delhi (d) Moscow
53. Which country has the world's most powerful passport in 2025?  
(a) Singapore (b) South Korea  
(c) Japan (d) United Arab Emirates
54. What is the theme for National Girl Child Day, 2025 celebrated on January 24<sup>th</sup>?  
(a) Educate every girl (b) Empowering girls for a bright future  
(c) Gender equality now (d) Save the girl child
55. The Beating Ceremony, marking the end of the Republic Day celebrations in India is held every year on -  
(a) 27<sup>th</sup> January (b) 28<sup>th</sup> January  
(c) 29<sup>th</sup> January (d) 30<sup>th</sup> January
56. What is the primary objective of the "One Vehicle, One FASTag" initiative?  
(a) To increase toll tax rates  
(b) To prevent the misuse of FASTags and ensure faster, accurate and transparent method of toll payments.  
(c) To promote multiple FASTags per vehicle  
(d) To slow down traffic at toll plazas

57. The "August Offer" was announced by -  
(a) Lord Canning (b) Lord Cornwallis  
(c) Lord Dalhousie (d) Lord Linlithgow
58. Who was the Viceroy of India at the time of the Partition of Bengal in 1905?  
(a) Lord Curzon (b) Lord Ripon  
(c) Lord Hardinge (d) Lord Minto
59. The Quit India Movement was launched by Mahatma Gandhi in which year?  
(a) 1930 (b) 1942  
(c) 1947 (d) 1920
60. The Lucknow Pact of 1916 was signed between -  
(a) The British and the Indian National Congress  
(b) The Revolutionaries and the Muslim League  
(c) The All India Muslim League and the Indian National Congress  
(d) The Indian National Congress and the Revolutionaries
61. Who was the first Indian to be elected to the British Parliament?  
(a) Dadabhai Naoroji (b) Gopal Krishna Gokhale  
(c) Lala Lajpat Rai (d) Bhagat Singh
62. The Round Table Conferences were held in London to discuss-  
(a) Constitutional reforms in India  
(b) Grant of full independence to India  
(c) Measures to stop the Civil disobedience Movement  
(d) Trade agreements between Britain and India
63. Which of the following mountain ranges separates Europe and Asia?  
(a) Alps (b) Andes  
(c) Ural Mountains (d) Rocky Mountains
64. Which mountain range separates the Indo-Gangetic Plain from the Deccan Plateau?  
(a) Aravalli range (b) Himalayas  
(c) Vindhya Range (d) Western Ghats
65. Which of the following is a cold ocean current?  
(a) Gulf Stream (b) Kuroshio current  
(c) Labrador current (d) Norwegian current
66. Which country is the largest producer of wheat in the world?  
(a) India (b) China  
(c) United States (d) Russia
67. Which of the following Union Territories of India has the highest mangrove cover?  
(a) Daman and Diu (b) Andaman and Nicobar  
(c) Puducherry (d) Lakshadweep
68. The "Kudremukh Iron ore Company" is located in -  
(a) Chhattisgarh (b) Karnataka  
(c) Kerala (d) West Bengal
69. According to Article 174, who has the power to summon the State Legislature?  
(a) The Chief Minister (b) The Governor  
(c) The President (d) The Speaker of the Legislative Assembly



70. Which part of the Indian Constitution deals with Fundamental Rights?  
(a) Part III (b) Part IV  
(c) Part V (d) Part VI
71. Which schedule of the Indian Constitution contains provisions related to the administration of tribal areas?  
(a) 5<sup>th</sup> Schedule (b) 6<sup>th</sup> Schedule  
(c) 7<sup>th</sup> Schedule (d) 9<sup>th</sup> Schedule
72. Under which article can the Supreme Court of India issue writs to enforce Fundamental Rights?  
(a) Article 32 (b) Article 45  
(c) Article 116 (d) Article 360
73. The emergency provision of the Indian constitution was borrowed from the constitution of -  
(a) Britain (b) France  
(c) Germany (Weimer constitution) (d) USA
74. What is the tenure of a judge of the Supreme Court of India?  
(a) 5 years (b) 6 years  
(c) Till the age of 62 (d) Till the age of 65
75. What is the main objective of the Pradhan Mantri Jan Dhan Yojana (PMJDY)?  
(a) Providing employment (b) Financial inclusion  
(c) Urban development (d) Rural electrification
76. Which ministry implements the Mid-Day Meal Scheme in India?  
(a) Ministry of Education (b) Ministry of Health and Family Welfare  
(c) Ministry of Women and Child Development (d) Ministry of Rural Development
77. What is the name of the scheme launched in 2024 by the central government to provide paid internships in top companies?  
(a) Digital Internship Scheme (b) PM Internship scheme  
(c) Skill India Scheme (d) Youth empowerment Initiative
78. What does the Gini Coefficient measure?  
(a) Income inequality (b) Population growth rate  
(c) Poverty rate (d) Unemployment rate
79. Which is the largest employment guarantee program in India?  
(a) National Rural Livelihoods Mission (NRLM)  
(b) MGNREGA  
(c) Pradhan Mantri Kaushal Vikas Yojana (PMKVY)  
(d) Atal Pension Yojana (APY)
80. Which government program is focused on empowering women by providing support and skills training?  
(a) Beti Bachao Beti Padhao (b) Mahila E-Haat  
(c) Ujjwala Yojana (d) All of the above
81. Eutrophication in the lake is due to the presence of-  
(a) Carbon dioxide (b) Nitrogen and phosphorus  
(c) Oxygen (d) Sulfur dioxide
82. Which gas is the most abundant greenhouse gas in the Earth's atmosphere?  
(a) Carbon dioxide (CO<sub>2</sub>) (b) Methane (CH<sub>4</sub>)  
(c) Water vapor (H<sub>2</sub>O) (d) Nitrous oxide (N<sub>2</sub>O)

83. Which protocol aims to reduce the production of ozone-depleting substances?  
(a) Kyoto Protocol (b) Montreal Protocol  
(c) Paris Agreement (d) Basel Convention
84. Which of the following is the unit of measurement of the Ecological Footprints?  
(a) Gallon per capita (b) Global hectares  
(c) Kilograms of waste (d) Liters of water
85. The Kalkothy–Walayar Corridor is located between which two Indian states?  
(a) Andhra Pradesh and Telangana (b) Karnataka and Tamil Nadu  
(c) Kerala and Tamil Nadu (d) Maharashtra and Gujarat
86. Which of the following ecosystems has the highest biodiversity?  
(a) Deserts (b) Grasslands  
(c) Tropical rainforests (d) Tundra
87. Which of the following is a vector quantity?  
(a) Speed (b) Distance  
(c) Velocity (d) Time
88. Which of the following is a chemical change?  
(a) Melting of ice (b) Dissolving sugar in water  
(c) Rusting of iron (d) Boiling of water
89. What is the scientific name of the human voice box?  
(a) Bronchi (b) Esophagus  
(c) Larynx (d) Trachea
90. The powerhouse of the cell is-  
(a) Cell Wall (b) Mitochondria  
(c) Nucleus (d) Ribosome
91. Which of the following is responsible for the transport of oxygen in the blood?  
(a) Plasma (b) Red blood cells  
(c) White blood cells (d) Platelets
92. The force that keeps an object moving in a circular path is -  
(a) Centripetal force (b) Frictional force  
(c) Gravitational force (d) Magnetic force
93. When was the first session of the Mizoram Legislative Assembly held?  
(a) 1970 (b) 1972  
(c) 1974 (d) 1977
94. Which river originates in Burma (Chin state), passes through the southern tip of Mizoram and then flows back to Burma again?  
(a) Chhimtuipei / Kaladan (b) Tlawng  
(c) Tuichang (d) Serlui
95. Which Mizo festival is celebrated after clearing the forest for Jhum cultivation?  
(a) Mim Kut (b) Pawl Kut  
(c) Chapchar Kut (d) Thalfavang Kut
96. Which festival is associated with the Mara tribe?  
(a) Chapchar Kut (b) Mim Kut  
(c) Lyuva Khutla (d) Pawl Kut

97. Which traditional Mizo dance is performed as a victory dance after a war?  
(a) Chheih Lam (b) Sarlamkai  
(c) Cheraw (d) Pawl Kut
98. The Superintendent of Lushai Hills, who wrote about the early life and history of Mizos in his book 'Lushai Chrysalis' was  
(a) A.G.McCall (b) A.R.H. McDonald  
(c) Lt Col Tregear (d) N.E.Perry
99. Who introduced Land Settlement in Lushai Hills?  
(a) AH Scott (b) G.H.Loch  
(c) J.Shakespear (d) T.H.Lewin
100. Who was the Missionary responsible for bringing Christianity to the Mara people?  
(a) J.H. Lorrain (b) R.A. Lorrain  
(c) John Cope (d) W. Savidge

\* \* \* \* \*