

**National Council of Science Museums
Block-GN, Sector – V, Bidhan Nagar,
Kolkata – 700091.**

**Preliminary Examination (Multiple Choice Objective Test)- A
Recruitment of Assistant.**

Roll No:

Examination Centre:

All questions are compulsory. Answers to be marked in the separate sheet.

A. Fill in the blanks using most appropriate word:

1. The child was left in the servant's
a) Care b) duty c) help d) custody
2. The situation was not.....for good work.
a) favourable b) positive c) convenient d) conducive.
3. I have notfriends here.
a) more b) much c) many d) few
4. There issugar in the house.
a) lot of b) more c) much d) huge
5. Give him abread.
a) little b) large c) small d) big

B. State the antonym of the following words :

6. Morose
a) depressed b) cheerful c) fearful d) disheartened.
7. Hypocrisy
a) sincerity b) ferocity c) tenacity d) hidden
8. Abhorrence.
a) appreciation b) liking c) aversion d) fear.
9. Fecund.
a) barren b) solid c) unploughed d) hard
10. Succumb.
a) curb b) resist c) injure d) shoot

C. State the synonym of the following words :

11. Elapse.
a) fail. b) annoy c) pass d) return.
12. Malady.
a) ill will b) ill luck c) ill feeling d) illness.
13. August.
a) wise b) dignified c) earnestly d) delicate
14. Transient.
a) short lived b) changing c) intermittent d) change direction
15. Rotund.
a) foolish b) fat c) thin d) weak

D. Choose the one which can be substituted for the given words or sentence :

16. A religious discourse
a) preach b) prayer c) sanctorum d) sermon.
17. A remedy of all diseases.
a) stoic b) cured c) panacea d) recompense
18. One absorbed in his own thoughts and feelings rather than in things outside.
a) scholar b) recluse c) introvert d) whoopee

E. Choose the one which best expresses the meaning of the given idiom/proverb:

19. To be at daggers drawn
a) ready to face danger b) to be bitter enemy c) to be frightened d) none.
20. To carry off the bell
a) to trouble others b) to bag the first position c) to face stiff opposition d) to call others for help
21. To be rolling in money
a) wasting a lot of money b) very rich c) spending more than income d) none

F. Each sentence has a blank and each blank indicates that something has been omitted. Choose the word that best fit the meaning of the sentence as a whole:

22. The state-of-the- art school is _____ with a medical clinic and fitness Centre.
a) established b) illustrative c) compromising d) equipped

23. Many leading members of the Society _____ to justify the Society's decision.
 a) having tried b) has tried c) have been trying d) is trying
- G. Find out the word that is inappropriate or wrongly spelt in the context of the following sentences(in respect of question numbers 24 and 25 below) .
24. Employees must familiarise (1) / themselves with the health (2) / and safety (3) / manual of the organization. (4).
 a) 1 b) 2 c) 3 d) 4
25. The ship (1) / was at sea for many days and finally (2) / anchored (3) /near the coastline (4).
 a) 1 b) 2 c) 3 d) 4
26. Fiscal Policy means the
 a) planning policy b) financial policy c) taxation policy d) policy of expenditure and public debt policy.
27. Moral suasion and statutory liquidity ratio (SLR) are instrument of
 a) fiscal policy b) budget c) trade policy d) monetary policy
28. Which of the following authority regulate insurance business in India ?
 a) SEBI b) RBI c) IRDA d) TRAI.
29. What is Psephology ?
 a) statistical study of population b) statistical study of elections voting
 c) study of gene disorder d) study of nephrology.
30. Who was the first Speaker of Lok Sabha ?
 a) M.A.Ayyangar. b) G.V.Mavalankar. c) N.Sanjiva Reddy
 d) Hukam Singh.
31. VandeMatram was first published in
 a) Kesari b) Harijan c) Gitanjali d) Ananda Math.
32. Who was the first recipient of Dada SahebPhalkeAward ?
 a) B.N.Sarkar. b) Mrs. Devika Rani c) Mrs.Kanan Devi
 d) Prithvi Raj Kapoor.
33. The Rowlatt Act was passed in which year?
 a) 1931 b) 1919 c) 1920 d) 1942.
34. The Preamble to our Constitution includes all except
 a) adult franchise b) justice c) fraternity d) equality of status.

35. To which country did the first Secretary General of the UN belonged?
a) Austria b) Sweden c) Finland d) Norway
36. The Headquarters of International Atomic Energy Agency(IAEA)is situated in
a) Vienna b) Geneva c) Hague d) Rome
37. Human Rights Day is on
a) 24th February b) 10th December c) 15th May d) 21st July
38. Who among the following founded Yoga?
a) Manu b) Panini c) Patanjali d) Ramdev
39. Where was the world's first modern planetarium installed?
a) Moscow b) London c) Bonn d) New Delhi
40. India's first atomic reactor was
a) Zerlina b) Dhruva c) Apsara d) Kamini
41. Thomas Cup is associated with
a) Badminton b) Billiards c) Lawn Tennis d) Table Tennis
42. The term 'Butterfly' is associated with
a) Kabaddi b) Swimming c) Boxing d) Gymnastics
43. The number of chromosomes in human body is
a) 42 b) 44 c) 46 d) 48
44. The red blood cells are produced in the
a) heart b) liver c) lymph nodes d) bone marrow
45. Hydrolysis of fats gives
a) oxalic acid b) ethyl alcohol c) acetic acid d) glycerol
46. Astigmatism is corrected with the help of
a) concave spherical lenses b) cylindrical lenses c) bifocal glasses d) convex lenses.
47. The inertia of an object depends on its
a)bulk b) physical state c) mass d) shape
48. Which gas in the atmosphere absorbs ultraviolet rays
a) helium b) nitrogen c) ozone d) methane

49. Logarithm tables were invented by
a) John Napier b) John Doe c) John Harrison d) John Douglas
50. Asteroids have their orbits between the planets?
a) Mercury & Venus b) Jupiter & Saturn c) Mars & Jupiter
d) Earth & Mars.
51. How many birthdays an average person have?
a) 50 b) 70 c) 65 d) 1
52. Prem's salary is increased by ten percent and then decreased by ten percent. Find the net percentage change in his salary?
a) 1% decrease b) 1% increase c) 2% increase d) none.
53. If the numerator of a certain fraction is increased by 200 percent and the denominator is increased by 150 percent then the new fraction thus formed is $\frac{9}{10}$. What is the original fraction.
a) $\frac{3}{4}$ b) $\frac{1}{4}$ c) $\frac{2}{5}$ d) $\frac{3}{5}$.
54. The average of five numbers is 49. The average of the first and the second number is 48 and the average of the fourth and fifth number is 28. What is the third number?
a) 92 b) 91 c) 95 d) None of these
55. The average speed of a train is 3 times the average speed of a car. The car covers a distance of 520 Kms. in 8 hours. How much distance will the train cover in 13 hours?
a) 2553 km. b) 2355 km. c) 2585 km. d) 2535 km.
56. The area of a circular plot is 3850 sq. met. What is the circumference of the plot?
a) 240 met. b) 200 met. c) 210 met. d) 220 met.
57. Two trains approach each other at 30 km. an hour and 27 km. an hour from two places 285 km. apart. When will they meet ?
a) after 5 hrs. b) after 8 hrs. c) after 10 hrs. d) after 2 hrs.
58. The ratio between two numbers is 12:13. If each number is reduced by 20, the ratio becomes 2:3. Find the numbers ?
a) 24, 26 b) 20, 22 c) 25, 27 d) 18, 20
59. A sum of money placed at compound interest doubles itself in 4 years. In how many years will it amount to eight times itself ?
a) 12 yrs. b) 15 yrs. c) 20 yrs. d) 25 yrs.

60. The income tax having been raised to 10%, a man has to pay Rs.540 more as income tax than when it was 7%. Find his income ?
 a) Rs.17,000/- b) Rs.17,500/- c) Rs.18,000/- d) Rs.19,000/-
61. The side and height of a rhombus are 13 and 20 cms. respectively. Find its area?
 a) 250 cm sq. b) 260 cm sq. c) 300 cm sq. d) 220 cm sq.
62. An amount of Rs.49/- were divided among 150 children. Each girl got Rs.50/- and a boy Rs.25/-. How many boys were there?
 a) 110 b) 104 c) 101 d) 100
63. The product of two numbers is 120 and the sum of their squares is 289. The sum of the number is ?
 a) 20 b) 23 c) 169 d) none of these
64. A man rows upstream 13 km. and down stream 28 km. taking 5 hour each time. Find the velocity of the current ?
 a) 1 km/hr. b) 1.5 km/hr. c) 2 km/hr. d) 3 km/hr.
65. A 12% stock yielding 10% is quoted at
 a) Rs. 83.33 b) Rs.110.00 c) Rs.112.00 d) Rs.120.00
66. The value of $\log 2^{16}$ is
 a) 1/8 b) 4 c) 8 d) 16
67. $617+6.017+0.617+6.0017=?$
 a) 6.2963 b) 62.965 c) 629.6357 d) 6299.0635
68. If the numerator of a fraction is increased by 200% and the denominator of the fraction is increased by 120% the resultant fraction is $\frac{4}{11}$. What is the original fraction?
 a) $\frac{4}{15}$ b) $\frac{3}{11}$ c) $\frac{5}{12}$ d) $\frac{6}{11}$
69. Rahul credits 15% of his salary in his fixed deposit account and spends 30% of the remaining amount on groceries. If the cash in hand is Rs.2380/-. what is his salary ?
 a) 4,000/- b) 2,500/- c) 5,000/- d) 4,500/-
70. The cost price of 6 oranges equals selling price of five. The profit or loss per cent in the transaction is
 a) 10% b) 20% c) 15% d) 25%.
71. The reflex angle between the hands of a clock at 10.25 is
 a) 180° b) $192 \frac{1}{2}^{\circ}$ c) 195° d) $197 \frac{1}{2}^{\circ}$

72. The cost of carpeting a hall of 20 met. long at the rate of Rs.2.50 per met. is Rs.500/-.If the carpet is 1.5 met. broad, find the width of the hall ?
 a) 10 met. b) 15 met. c) 20 met. d) 25 met.
73. Find the least number,which is a perfect square and contains 540 as its factor
 a) 9000 b) 8100 c) 8500 d) 7500
74. The greatest number which on dividing 1657 and 2037 leaves remainders 6 and 5 respectively is
 a) 123 b) 127 c) 235 d) 305
75. What is the sum of two consecutive numbers, the difference of whose squares is 84
 a) 34 b) 38 c) 42 d) 46.
76. In certain code BOARD is written as 53169 and NEAR is written as 2416.How is NODE written in that code?
 a) 2394 b) 2894 c) 2934 d) 2694.
77. In certain code SPORADIC is written as QNORDJEB.How is TROUBLES written in that code?
 a) SQTNTFMC b) TNQSRDKA c) TNQSTFMC
 d) TFQSCMFT.
78. Three of the following four are alike in a certain way and so form a group.Which is the one that does not belong to that group ?
 a) Mica b) Zinc c) Chlorine d) Iron.
79. If A is the son of Q, Q and Y are sisters, Z is the mother of Y,Pis the son of Z, then which of the following statement is correct ?
 a) P is maternal uncle of A b) P&Y are sisters c) A&P are cousins
 d) None of them.
80. There are five books ABCD and E placed on a table.If A is placed below E,C is placed above D,B is placed below A and D is placed above E, then which of the following books touches the surface of the table ?
 a) C b) B c) A d) E.
81. Three ladies X,Y and Z marry three men A,B and C.X is married to A,Y is not married to an engineer, Z is not married to a doctor, C is not a doctor and A is lawyer. Then which of the following statement is correct?
 a) Y is married to C who is an engineer b) Z is married to C who is a doctor
 c) X is married to a doctor d) None of these.

82. Doctor : Patient :: Politian : ?
 a) Voter b) Constituency c) Public d) Party.
83. Ignorance : Education :: Disease : ?
 a) Hospital b) Doctor c) Medicine d) Nurse.
84. Man : Biography :: Nation : ?
 a) History b) Geography c) People d) Habitat.
85. Stone : Sculpture :: ? : ?
 a) Mural : Painting b) Opera : Stage c) Canvas : Easel d) Clay : Pottery
86. A told B, "The girl I met yesterday was the youngest daughter of the brother-in-law of my friend's mother". How is the girl related to A's friend?
 a) niece b) cousin c) friend d) daughter.
87. Choose the missing term out of the given alternative Q1F, S2E, U6D, W21C, ?
 a) Z88B b) Y66B c) Y44B d) Y88B.
88. J2Z, K4X, 17V, ? H16R, M22P.
 a) L119 b) L12T c) L11T d) L12S
89. Find the odd one out
 a) Ruby b) Sapphire c) Granite d) Topaz
90. Find the odd one out
 a) Kiwi b) Ostrich c) Eagle d) Penguin
91. Choose the correct alternative that will continue the same pattern: 13, 35, 57, 79, 911
 a) 1145 b) 1113 c) 1117 d) 1110
92. 0.5, 0.55, 0.65, 0.8?
 a) 0.7 b) 0.9 c) 0.95 d) 1
93. If the Republic Day of India in 2016 falls on Saturday, X was born on March 3, 2016 and Y is older to X by four days, then Y's birthday fell on
 a) Thursday b) Friday c) Wednesday d) None of these
94. A two digit number is three times the sum of its digits. If 45 is added to it, the digits are reversed. The number is
 a) 23 b) 32 c) 27 d) 72

95. Arrange the words given below in a meaningful sequence.
1.Poverty 2.Population 3.Death 4.Unemployment5.Disease
a) 2,3,4,5,1 b) 3,4,2,5,1 c) 2,4,1,5,3 d) 1,2,3,4,5
96. Arrange the words given below in a meaningful sequence.
1.Caste2.Family 3.Newly married couple 4.Clan
5.Species
a) 2,3,1,4,5 b) 3,4,5,1,2 c) 3,2,1,4,5 d) 4,5,3,2,1
97. Arrange the following in logical order.
1. Euphoria 2. Happiness 3.Ambivalence 4.Ecstasy 5. Pleasure
a) 1,4,2,5,3 b) 2,1,3,4,5 c) 3,2,5,1,4 d) 4,1,3,2,5
98. If the sun means moon,moon means sky,sky means clouds,clouds means rain
and rain means sun,then where do the birds fly ?
a) clouds b) rain c) moon d) sky.
99. If day after tomorrow is Thursday,what will be the day next before
yesterday?
a) Monday b) Sunday c) Friday d) Tuesday.
100. How many months have 28days
a) 2 b) 1 c) 6 d) 12.
