

**DO NOT OPEN THIS TEST BOOKLET TILL YOU ARE ASKED TO DO SO.**

TR/STAT/RO/17

Test Booklet Series

**TEST BOOKLET  
GENERAL ABILITY TEST**



\_\_\_\_\_  
(Signature of the Candidate)

\_\_\_\_\_  
(Invigilator's Signature)



**Time Allowed - 2 hours (Two hours)**

**Maximum Marks - 100**

**INSTRUCTIONS**

1. IMMEDIATELY AFTER THE COMMENCEMENT OF THE SCREENING TEST, YOU SHOULD CHECK THAT THIS TEST BOOKLET DOES NOT HAVE ANY UNPRINTED OR TORN OR MISSING PAGES OR ITEMS ETC. IF SO, GET IT REPLACED BY A COMPLETE TEST BOOKLET.
2. **ENCODE CLEARLY THE TEST BOOKLET SERIES IN THE APPROPRIATE PLACE IN THE ANSWER SHEET BY BLACK BALL POINT PEN ONLY.**
3. This Test Booklet contains 100 items (questions). Each question carrying 1 (one) mark only, has four responses (answers). You will select the response which you want to mark on the Answer Sheet. In case you feel that there is more than one correct response, mark the response which you consider the most appropriate. In any case, choose **ONLY ONE** response for each item.
4. You have to mark all your responses by **Black Ball Point Pen only** on the separate Answer Sheet provided. See directions in the Answer Sheet.
5. All items carry equal marks.
6. Before you proceed to mark in the Answer Sheet the responses to various items in the Test Booklet, you have to fill in some particulars in the Answer Sheet.
7. After you have completed filling in responses on the Answer Sheet and the Screening Test is completed, you should handover the Answer Sheet to the Invigilator only. You are permitted to take the Test Booklet with you.
8. Sheets for rough work are appended on the Test Booklet at the end.
9. **Penalty for wrong answers :**
  - (a) There will be four alternatives for the answer to every question. For each question for which a wrong answer has been given by the candidate, **one-third** of the marks assigned to that question will be deducted as penalty.
  - (b) If a candidate gives more than one answer, it will be treated as a **Wrong Answer** even if one of the given answers happens to be correct and there will be same penalty as above to that question.
  - (c) If a question is left blank, i.e no answer is given by the candidate, there will be **no penalty** for that question.

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7. Which of the following is not Kharif Crop ?

- (A) Groundnut
- (B) Maize
- (C) Masoor
- (D) Paddy

8. Inflation rate based on Consumer Price Index increases if

- (A) Repo Rate is increased
- (B) Reverse Repo Rate is decreased
- (C) Statutory Liquidity Ratio is increased
- (D) Bank Rate is decreased

9. India's Rank in the world in milk production is

- (A) First
- (B) Second
- (C) Third
- (D) Fifth



10. The name of Sundarlal Bahuguna is associated with

- (A) Telangana Movement
- (B) Narmada Bachao Andolan
- (C) Chipko Movement
- (D) Right to Information Movement

11. Who is the author of the book "Development as Freedom"?

- (A) Amiya Bagchi
- (B) Kaushik Basu
- (C) Amartya Sen
- (D) Abhijit Sen

12. The book "Courage and Commitment" is written by

- (A) Madhu Gurung
- (B) Sunita Aron
- (C) Meera Subhramanian
- (D) Margaret Alva

13. The first 'Lokpal Bill' was introduced in the Parliament of India in

- (A) 1971
- (B) 1967
- (C) 1968
- (D) 1972

14. The 'Zero Hour' in the Parliament of India starts at

- (A) First hour of the sitting
- (B) Last hour of the sitting
- (C) At 5:00 p.m.
- (D) At 12:00 Noon

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15. The Finance Commission of India is constituted under which Article of the Constitution of India ?

- (A) Article 275
- (B) Article 280
- (C) Article 276
- (D) Article 275(1)

16. By which Constitutional Amendment the subject of 'Education' was transferred from State list to Concurrent list ?

- (A) 5th
- (B) 42nd
- (C) 9th
- (D) 44th

17. Besides India, which of the following countries demonetized its currency in December, 2016 ?

- (A) South Africa
- (B) Iraq
- (C) Venezuela
- (D) Afganistan



18. Which of the following countries is called the 'Land of Thousand Lakes' ?

- (A) Finland
- (B) Poland
- (C) Sweden
- (D) Canada

19. Who won the Nobel Prize 2016 for Economics ?

- (A) Mr. Yoshinori Ohsumi
- (B) Milton Friedman
- (C) Mr. Bob Dylan
- (D) Mr. Oliver Hart and Mr. Bengt Holmstorm

20. First woman Chief Justice of Nepal's Supreme Court is

- (A) Bidhya Devi Bhandari
- (B) Sushila Karki
- (C) Onsari Gharti Magar
- (D) None of the above

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29. Which one of the following animal is exclusively found in North-East India ?
- (A) Tiger  
(B) Lion  
(C) Bear  
(D) One-horned Rhino
30. The Shungetser Lake is situated at
- (A) Assam  
(B) Manipur  
(C) Arunachal Pradesh  
(D) Meghalaya
31. VVPAT stands for
- (A) Voter Verified Paper Audit Test  
(B) Voter Verified Paper Audit Trial  
(C) Voter Verified Perfect Audit Test  
(D) None of the above
32. The sixteenth Lok Sabha was constituted on
- (A) 4th February, 2014  
(B) 4th June, 2014  
(C) 4th July, 2014  
(D) 4th May, 2014
33. Which of the following Police Station was first converted into a Digital Police Station in the country ?
- (A) Parliament Street Police Station, New Delhi  
(B) Park Street Police Station, Kolkata  
(C) Neelangarai Police Station, Chennai  
(D) Andheri Police Station, Mumbai
34. The 44th Chief Justice of India is
- (A) H. L. Dattu  
(B) T. S. Thakur  
(C) Jagdish Singh Khehar  
(D) P. Sathasivam
35. According to Economic Survey, 2016-17, real GDP growth during 2017-18 is most likely to be
- (A) 6.75 — 7.5 per cent  
(B) 6.25 — 6.75 per cent  
(C) 6.5 — 7.0 per cent  
(D) 6.0 — 7.0 per cent

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36. Which one of the following countries is not a member of BRICS ?
- (A) China  
(B) Bangladesh  
(C) India  
(D) South Africa
37. Who is the present Secretary – General of United Nations ?
- (A) Ban Ki - Moon  
(B) Kofi Annan  
(C) Antonio Guterres  
(D) Trygve Lie
38. The first Indian — American woman who became a US Senator is
- (A) Pramila Jayapal  
(B) Ilhan Omar  
(C) Anupama Singh  
(D) Kamala Harris
39. World's longest Bullet train network has been developed by
- (A) Japan  
(B) Russia  
(C) China  
(D) Italy
40. Fidel Castro, Cuban Revolutionary and Ex-President died on
- (A) November 25th, 2016  
(B) December 25th, 2016  
(C) November 22nd, 2016  
(D) December 15th, 2016
41. Which of the following acts as 'middle man of the body' ?
- (A) Plasma  
(B) Lymph  
(C) WBCs  
(D) RBCs
42. Compressed Natural Gas (CNG) is
- (A) Butane  
(B) Ethane  
(C) Methane  
(D) Propane
43. pH value of pure water is
- (A) 7  
(B) 6.56  
(C) 5.65  
(D) 11

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44. Pedology is the science related to the study of

- (A) Atmosphere
- (B) Soil
- (C) Pollutants
- (D) Seeds

45. Which of the following is most sensitive to environmental change ?

- (A) Amphibian
- (B) Reptile
- (C) Mammal
- (D) Insect

46. Which one of the following does not possess the common property that other members do ?

- (A) 81
- (B) 36
- (C) 78
- (D) 25

47. In a certain code TRIPLE is written as SQHOKD. How is DISPOSE written in that code ?

- (A) CHRONRD
- (B) DSOESPI
- (C) ESJTPTF
- (D) ESOPSID

48. Find the word which is odd and not a part of the group.

- (A) Copper
- (B) Mercury
- (C) Iron
- (D) Aluminium

49. Find the pair which is different and does not belong to the group.

- (A) Affluent : Indigent
- (B) Adversity : Prosperity
- (C) Transparent : Lucid
- (D) Attractive : Repulsive

50. Find the missing number from the series 19, 2, 38, 3, 144 ( .... )

- (A) 228
- (B) 256
- (C) 352
- (D) 456

51. What number should come in place of question mark (?) in the series 1, 2, 6, 21 ? 445 ?

- (A) 150
- (B) 88
- (C) 185
- (D) 292



52. Find the wrong item in the series 196, 169, 144, 121, 80.

- (A) 121
- (B) 144
- (C) 80
- (D) 196

53. If we assume  $64 \times 52 = 17$ ,  $48 \times 56 = 23$  and  $74 \times 35 = 19$ , what can  $84 \times 37$  be ?

- (A) 20
- (B) 22
- (C) 56
- (D) 18

54. If  $XYZ = 144$ , which of the following cannot be value of C ?

- (A) 8
- (B) zero
- (C) 4
- (D) 2

55. If  $879 = 8$ ,  $625 = 1$ ,  $586 = 9$ , what is 785 ?

- (A) 4
- (B) 5
- (C) 6
- (D) 7



56. Which of the following pairs of months will have the same calendar ?

- (A) January — October
- (B) April — November
- (C) July — October
- (D) March — August

57. In Ramen's family there are four sisters. Each sister has a brother. How many male members are there in the family ?

- (A) 4
- (B) 5
- (C) 2
- (D) 6

58. Pointing to a lady Ram said : " Her mother's husband's sister is my aunt." How is Ram related to the lady ?

- (A) brother
- (B) uncle
- (C) brother-in-law
- (D) husband

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59. Find out the missing word out of the given option :

Darwin : Evolution :: Mandel : ?

- (A) Heridity
- (B) Genetics
- (C) Hybridity
- (D) Pathology

60. Choose the analogous pair of

Haemoglobin : Blood

- (A) Chloroplasm : Cell
- (B) Chlorophyll : Leaf
- (C) Microtin : Lymph
- (D) Bile : Hormone

Select the correct option from (A), (B), (C) and (D) to fill up the blanks (for question Nos. 61 to 65).

61. I decided to — organic cooking

- (A) take over
- (B) take about
- (C) take up
- (D) take on



62. He knows smoking is not good for his health, but he can't give it —.

- (A) in
- (B) away
- (C) out
- (D) up

63. The rank and — of the party had turned against the leader.

- (A) officers
- (B) file
- (C) class
- (D) people

64. He saw a man — the wire and walking away.

- (A) picking up
- (B) picked
- (C) picking
- (D) having picked

65. Diseases are — through contact with infected animals.

- (A) transported
- (B) transferred
- (C) transmitted
- (D) transplanted

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Choose the word similar in meaning to the words given in capital letters (for question Nos. 66 to 70)

66. BLITZ

- (A) Violent attack
- (B) News
- (C) Happiness
- (D) Fall

67. BESECH

- (A) to order
- (B) to entreat
- (C) to violate
- (D) to demand

68. BENIGN

- (A) Harmful
- (B) Malevolent
- (C) Gracious
- (D) Unkind

69. PRISTINE

- (A) Modern
- (B) Aboriginal
- (C) Later
- (D) Spotted



70. NEBULOUS

- (A) Dead
- (B) Tiny
- (C) Insignificant
- (D) Vague

Select the word which is most nearly opposite in meaning to the word given in capital letters.

71. SENILITY

- (A) laziness
- (B) virility
- (C) maturity
- (D) exhaustion

72. HAPLESS

- (A) fortunate
- (B) frugal
- (C) frank
- (D) believer

73. TRANSIENT

- (A) alien
- (B) tragic
- (C) permanent
- (D) brief

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74. REVERANCE

- (A) respectful
- (B) echo
- (C) veneration
- (D) scorn

78. To rule the roast

- (A) to domineer
- (B) to surrender
- (C) to run away
- (D) to fight

75. ENTICE

- (A) authorise
- (B) baffle
- (C) repulse
- (D) misplace

79. A white elephant

- (A) an elephant with white skin
- (B) a costly thing
- (C) a costly and useful thing
- (D) a costly but useless thing

Find out from the given options the meaning of the idioms/ phrases (for question Nos. 76 to 80)

80. Hobson's choice

- (A) Excellent choice
- (B) No choice at all because there is only one thing to take or not
- (C) First choice
- (D) Big man's choice

76. Sitting of the fence

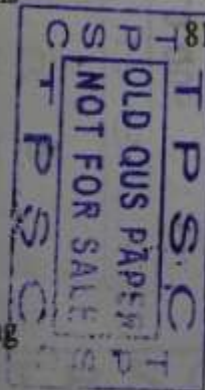
- (A) unbalanced
- (B) uncomfortable
- (C) coward
- (D) between the two options

77. A snake in the grass

- (A) a hidden enemy
- (B) a reliable person
- (C) an unforeseen happening
- (D) very ferocious enemy

81. The term 'regression' has been coined by

- (A) Karl Pearson
- (B) Carl Friedrich Gauss
- (C) Francis Galton
- (D) Ragner Frisch



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82. In method of least squares, the principle is to minimise

- (A) sum of errors
- (B) product of errors
- (C) squares of errors
- (D) sum of squares of errors

83. In usual notations, if  $\beta_{xy} = -1.8$  and  $\beta_{yx} = -0.2$ , then  $r_{xy}$  is equal to

- (A) 0.6
- (B)  $\pm 0.6$
- (C) - 0.6
- (D) 0.36

84. The appropriate statistic to examine goodness of fit of a two-variable regression model is

- (A) F - statistic
- (B) t - statistic
- (C)  $r^2$  - statistic
- (D) chi - square statistic

85. The reliability of an estimator assessed by its

- (A) Mean
- (B) Variance
- (C) Coefficient of variation
- (D) None of the above

86. 'Normal Curve' is a

- (A) symmetrical curve
- (B) asymmetrical curve
- (C) J - shaped curve
- (D) None of the above

87. The probability of rejecting a null hypothesis when it is true, means

- (A) Type II error
- (B) Type I error
- (C) Type III error
- (D) None of the above



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88. Yate's correction is used in
- (A) Factor analysis
  - (B) Discriminant analysis
  - (C) Chi - square test
  - (D) ANOVA
89. Semi - Interquartile Range is
- (A)  $Q_3 - Q_1$
  - (B)  $(Q_3 - Q_1)/2$
  - (C) Maximum value - Minimum value
  - (D) None of the above
90. Which one is less affected by the presence of extreme values ?
- (A) A. M
  - (B) G. M
  - (C) H. M
  - (D) None of the above
91. If each of the observation is increased or decreased by a constant, then the standard deviation will
- (A) increase
  - (B) decrease
  - (C) remain unchanged
  - (D) None of the above
92. When  $r = 0$ , then two regression lines are
- (A) parallel to each other
  - (B) perpendicular to each other
  - (C) identical
  - (D) None of the above
93. Which distribution is called "Rectangular Distribution" ?
- (A) Normal distribution
  - (B) Binomial distribution
  - (C) Poisson distribution
  - (D) Uniform distribution
94. A statistic  $t$  is said to be an unbiased estimator of a parameter  $\theta$ , if the expected value of  $t$   $E(t)$  is
- (A)  $E(t) = \theta$
  - (B)  $E(t) > \theta$
  - (C)  $E(t) < \theta$
  - (D) None of the above



95. Normal distribution with mean = 0 and standard deviation = 1, is called
- (A) Uniform distribution
  - (B) Standard normal distribution
  - (C) F- distribution
  - (D) t- distribution
96. Correlation coefficient  $r$  is
- (A) dependent on the units of measurement
  - (B) greater than 1
  - (C) independent of the units of measurement
  - (D) None of the above
97. If for a frequency distribution coefficient of variation = 5, variance = 4, then the mean of the distribution is
- (A) 20
  - (B) 40
  - (C) 30
  - (D) 25
98. Cumulative frequency polygon is also known as
- (A) Histogram
  - (B) Frequency curve
  - (C) Ogive
  - (D) None of the above
99. 'Width of a class' means
- (A) upper limit - lower limit
  - (B) lower class limit + upper class limit
  - (C) Upper class boundary - lower class boundary
  - (D) Mid - point
100. Which distribution is known as 'distribution of rare events' ?
- (A) Poisson distribution
  - (B) Hypergeometric distribution
  - (C) Binomial distribution
  - (D) Uniform distribution

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