

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE ASKED TO DO SO.

2020

TEST BOOKLET

TEST BOOKLET SERIES

Time allowed : $1\frac{1}{2}$ hours

Full marks : 100

Answer *all* the questions.

Questions are of equal value.



Serial No. **001**

Roll No.:

Signature of the Candidate:

INSTRUCTIONS

Candidates should read the following instructions carefully before answering the questions:

1. This booklet consists of 12 pages including this front page, containing 100 questions. **Verify the Page Nos. and Test Booklet series on each page and bring at once to the Invigilator's notice any discrepancy.**
2. Answers will have to be given in the Special Answer-Sheet supplied for the purpose.
3. Before you proceed to mark in the Answer-Sheet in response to various items in the Test Booklet, you have to fill in some particulars in the Answer-Sheet as per instructions sent to you in the Admit Card. **Do not fold the Answer-Sheet as this will result in error in your marks.**
4. All questions are of multiple-choice answer-type. You will find **four** probable answers (A), (B), (C) and (D) against each question. Find out which of the four answers appears to you to be correct or the best. Now darken the circle corresponding to the letter of the selected answer in the Answer-Sheet with **Black Ball Point Pen** as per instructions printed on the reverse of the Admit Card and in the Answer-Sheet.
5. One and only one circle is to be fully blackened for answer. Any spot in any other circle (multiple circle) or in wrong circle will be considered as wrong answer. If more than one circle is encoded for a particular answer, it will be treated as a wrong answer.
6. *There will be negative marking of $\frac{1}{3}$ mark for each wrong answer.*
7. *There is a blank page at the end of this Booklet for Rough Work.*
8. *The Special Answer-Sheet should be handed over to the Invigilator before leaving the Examination Hall. You are permitted to take away the used Test Booklet after completion of the examination.*

Fill in the blanks (1-15):

1. I _____ this coat to the coat you were wearing yesterday.
(A) refer
(B) prefer
(C) defer
(D) differ
2. It is _____ cold. You better wear your coat.
(A) heavy
(B) either
(C) neither
(D) rather
3. This is the teacher's _____.
(A) advice
(B) advise
(C) advize
(D) advise
4. The sonnet is a poem of _____ lines.
(A) 12
(B) 14
(C) 16
(D) 18
5. _____ you able _____ speak any foreign language?
(A) Is, to
(B) Can, of
(C) Are, of
(D) Are, to
6. Shakespeare belonged to the _____ Age.
(A) Romantic
(B) Middle English
(C) Elizabethan
(D) Jacobean
7. We could see a _____ of lion resting.
(A) pride
(B) herd
(C) group
(D) bevy
8. _____ he _____ I went to the theatre.
(A) Not, not
(B) Not, nor
(C) Neither, nor
(D) Neither, neither
9. There are _____ letters of the alphabet in English.
(A) 24
(B) 25
(C) 26
(D) 27
10. I wish Sarah _____ come.
(A) shall
(B) will
(C) should
(D) would

11. We _____ you to come in time for the orientation.
(A) advice
(B) advise
(C) advize
(D) None of the above
12. A _____ of flies covered the sweets.
(A) gang
(B) swarm
(C) pack
(D) group
13. Nurses look _____ patients in hospitals.
(A) onto
(B) at
(C) on
(D) after
14. If I knew his number, I _____ phone him.
(A) will
(B) shall
(C) would
(D) should'nt
15. Can _____ of you speak French?
(A) either
(B) both of
(C) either any
(D) which
16. Who wrote 'The Discovery of India'?
(A) Motilal Nehru
(B) Jawaharlal Nehru
(C) Mahatma Gandhi
(D) Amitav Ghosh
17. Ram can do a piece of work in 25 days and Shyam can do it in 20 days. They work together for 5 days and then Ram leaves. In how many days will Shyam finish the remaining work?
(A) 10
(B) 11
(C) 12
(D) 13
18. Population range in class III town in India is
(A) 10000 - 19999
(B) 100000 - 199999
(C) 50000 - 99999
(D) 20000 - 49999
19. In a country 80% of the population live in villages, 90% of village people are farmers and 70% of the farmers are landless. The percentage of landless population is
(A) 50.4%
(B) 80.6%
(C) 60.4%
(D) 49.6%
20. The term 'Demography' is derived from 'Demos' whose origin is
(A) Greek
(B) Hebrew
(C) Roman
(D) Latin

21. According to 'Manasara' which one of the following is not a type of village?

- (A) Moulibhadra
- (B) Dandaka
- (C) Swastika
- (D) Nindyavarta

22. 'Swachh Bharat Mission' was officially launched by P.M. Narendra Modi on

- (A) Independence Day
- (B) Republic Day
- (C) Gandhi Jayanti
- (D) Environment Day

23. When did the Titanic sink?

- (A) Monday April 15, 1912
- (B) Sunday April 14, 1912
- (C) Tuesday April 16, 1912
- (D) None of the above

24. When was Chandrayaan-2 launched for its journey to the moon?

- (A) 21st May, 2019
- (B) 21st June, 2019
- (C) 22nd July, 2019
- (D) 22nd June, 2019

25. 'Tamralipta', the ancient port town, is located in

- (A) Odisha
- (B) West Bengal
- (C) Andhra Pradesh
- (D) Maharashtra

26. The value of $10 - 6 \div 4 + 2$ is equal to

- (A) 1.5
- (B) 3
- (C) 9
- (D) 10.5

27. When is 'International Yoga Day' celebrated?

- (A) June 21
- (B) March 21
- (C) April 22
- (D) May 31

28. Which country sent the first dog into space?

- (A) Russia
- (B) Canada
- (C) England
- (D) U.S.A.

29. Who among them is the leader of the Chipco Movement?

- (A) Medha Patkar
- (B) Baba Amte
- (C) Sundarlal Bahuguna
- (D) Kiran Bedi

Choose the correct answer:

30. _____ is the first woman to head a public sector bank.

- (A) Arundhati Bhattacharya
- (B) Shika Sharma
- (C) Chanda Kocchar
- (D) Usha Ananthasubramanian

31. Who won the Cricket World Cup 2019?
(A) India
(B) England
(C) New Zealand
(D) Australia
32. A girl was asked to multiply a number by $\frac{7}{8}$ but she divided the number by $\frac{7}{8}$ and got the result 15 more than the correct result. The number was
(A) 56
(B) 15
(C) 8
(D) 4
33. A man sells 25 articles for Rs. 300 and makes a profit of the cost price of 5 such articles. The percentage gain is
(A) 16%
(B) 18.75%
(C) 20%
(D) 25.5%
34. The least perfect square number divisible by 8, 12 and 16 is
(A) 64
(B) 144
(C) 288
(D) 576
35. Which new method has been identified for predicting the monsoon?
(A) Xenon-7
(B) Krypton-7
(C) Argon-7
(D) Beryllium-7
36. A man can travel a certain distance in 3 hours 36 minutes if he walks at a rate of 5 km/h. If he travels the same distance on cycle at the speed of 24 km/h, then the time taken by him in minutes is
(A) 40
(B) 45
(C) 50
(D) 55
37. A water tank can be filled by one tap in 6 hours and by another in 3 hours. If both the taps are kept open then the time (in hours) taken to fill the tank is
(A) 6
(B) 4.5
(C) 2
(D) 9
38. Where is the National Institute for Rural Development (NIRD) situated?
(A) Shimla
(B) Hyderabad
(C) Dehradun
(D) New Delhi
39. Growth of urban population in India during 2001-2011 is
(A) 31.8%
(B) 15.9%
(C) 18.8%
(D) 22.1%
40. What is the name of Indira Gandhi's Samadhi?
(A) Shanti Ghat
(B) Shakti Sthal
(C) Shanti Van
(D) Shanti Sthal

Please Turn Over

41. Which following city in India is also known as Vidhyadhar Nagar?

- (A) Patna
- (B) Jaipur
- (C) Bhubaneswar
- (D) Indore

42. The Indian state, which has the largest urban population in 2011, is

- (A) Uttar Pradesh
- (B) Maharashtra
- (C) West Bengal
- (D) Jharkhand

43. Who became the first C.M. of Telengana State?

- (A) Jayalalitha
- (B) Chandrababu
- (C) K. Chandrashekhar Rao
- (D) None of them

44. In Greece, 'Agora' is referred to

- (A) Public Square
- (B) Theatre
- (C) Stadium
- (D) Temple

45. What is the capital of Mexico?

- (A) Mazatlan
- (B) Guatemala
- (C) Mexico City
- (D) Azerbaijan

46. "Analytical Hierarchy Process" was developed by

- (A) T. L. Saaty
- (B) A. Rapoport
- (C) J. Holland
- (D) V. Neumann

47. A certain sum amounts to Rs. 5182 in two years and Rs. 5832 in 3 years calculated in the rate of simple interest per annum. The principal (in Rs.) is

- (A) 2388
- (B) 2838
- (C) 3882
- (D) 3828

48. Stouffer's Model is used to measure

- (A) Mortality
- (B) Migration
- (C) Age
- (D) Fertility

49. Where is Bose Institute located?

- (A) Dispur
- (B) Kolkata
- (C) Mumbai
- (D) New Delhi

50. Ram's income is 25% more than that of Rahim's. What per cent is Rahim's income less than that of Ram's?

- (A) 20%
- (B) 22.5%
- (C) 24%
- (D) 25%

51. Aranya Township is located at
(A) Bilaspur
(B) Patna
(C) Bhopal
(D) Indore
52. The approving authority of "Perspective Plan" in India is
(A) State Government
(B) Central Government
(C) Municipality
(D) Panchayat
53. City of Bhubaneswar was designed by
(A) Otto Koenigsberger
(B) Norman Foster
(C) Charles Correa
(D) Le Corbusier
54. Which city is not included in HRIDAY scheme 2015?
(A) Mathura
(B) Agra
(C) Puri
(D) Varanasi
55. What is the PCU of cycle rickshaw?
(A) 1.5
(B) 1
(C) 0.5
(D) 2
56. TOD in Urban Planning is specified as
(A) Transport Oriented Development
(B) Transit Oriented Development
(C) Taluka Oriented Development
(D) Topography Oriented Development
57. "World Tourism Day" is celebrated on
(A) 5th June
(B) 5th October
(C) 27th September
(D) 8th November
58. First Five Year Plan in India was initiated in
(A) 1956
(B) 1951
(C) 1961
(D) 1949
59. National Environment Policy in India was started in
(A) 2007
(B) 2005
(C) 2006
(D) 2004
60. Chandigarh city was designed by
(A) B.V. Doshi
(B) Le Corbusier
(C) Charles Correa
(D) Anant Raje

61. As per URDPFI (2014), a neighbourhood park in plains is required to serve a population of

- (A) 15000
- (B) 10000
- (C) 25000
- (D) 20000

62. A 200 bed Multi-Speciality Hospital is required for a population of minimum

- (A) 3 lakh
- (B) 1.5 lakh
- (C) 2 lakh
- (D) 1 lakh

63. R-squared value is a regression analysis is termed as

- (A) Coefficient of Determination
- (B) Coefficient of Precision
- (C) Coefficient of Confidence
- (D) Coefficient of Variability

64. Kirpich Equation Method is used for estimating

- (A) Storm water runoff
- (B) Drinking water demand
- (C) Liquide waste
- (D) Modal split

65. As per IRC, the carriage way width for two lane traffic should be

- (A) 6.5 m.
- (B) 10 m.
- (C) 7.5 m.
- (D) 12.5 m.

66. Pan City Development is a part of

- (A) Digital India Mission
- (B) Clean India Mission
- (C) Poverty Alleviation Mission
- (D) Smart City Mission

67. SEZ stands for

- (A) Suburban Expandable Zone
- (B) Special Environmental Zone
- (C) Suburban Economic Zone
- (D) Special Economic Zone

68. 'Congestion Factor' is represented as

- (A) Rooms per household
- (B) Carpet area per family
- (C) Persons per room
- (D) Carpet area per tenement

69. Largest slum in India is located in

- (A) Bihar
- (B) West Bengal
- (C) Maharashtra
- (D) Andhra Pradesh

70. Full form of 'TAAI' is

- (A) Travel Agent Association of India
- (B) Terminal Agent Association of India
- (C) Tourist Agent Association of India
- (D) Transport Agent Association of India

71. Minimum population of Class I town is
(A) 50,000
(B) 2 lac
(C) 10 lac
(D) 1 lac
72. Kyoto Protocol agreement was signed in
(A) 1987
(B) 1997
(C) 2001
(D) 2004
73. Which of the following industry is considered as 'Special RED Category' industry?
(A) Gold and Silver Smithy
(B) Lime manufacturing
(C) Asbestos
(D) Fiber Glass
74. The book "Cities of Evolution" was written by
(A) Lewis Mumford
(B) Ebenezer Howard
(C) Patrick Geddes
(D) Oswald Spengler
75. Which of the following is not enlisted in 'World Heritage Site of India'?
(A) Sanchi, Madhya Pradesh
(B) Bishnupur, West Bengal
(C) Mamallapuram, Tamil Nadu
(D) Agra, Uttar Pradesh
76. In transportation planning, PCU is an abbreviation of
(A) Planned Car Unit
(B) Person Car Unit
(C) Potential Car Unit
(D) Passenger Car Unit
77. As per National Electricity Policy (2005), the recommended consumption per capita per day is
(A) 3.24 kWh
(B) 2.74 kWh
(C) 1.27 kWh
(D) 4.24 kWh
78. AMRUT mission stands for
(A) Atal Mission for Rejuvenation and Urban Transformation
(B) Atal Mission for Reformation and Urban Transformation
(C) Atal Mission for Redevelopment of Urban Transformation
(D) Atal Mission for Restructuring of Urban Transformation
79. The 'Multiple Nuclei Model' was initiated by
(A) Alfred Weber
(B) August Losch
(C) Cauchy Harris and Edward Ullman
(D) Walter Christaller
80. As per URDPFI (2014), a City-Center is required for a population of
(A) 25 lakh
(B) 50 lakh
(C) 75 lakh
(D) 60 lakh

Please Turn Over

81. The vision of West Bengal Tourism Policy 2019 was

- (A) 'Earning through quality'
- (B) 'Earning through services'
- (C) 'Infrastructure and employment'
- (D) 'Explore and provide'

82. Which one of the following is not a Municipal Corporation?

- (A) Siliguri
- (B) Asansol
- (C) Rampurhat
- (D) Chandernagore

83. "A Ramsar site is a wetland site designated to be of international importance under the Ramsar Convention"—the Ramsar City is located in

- (A) India
- (B) Iran
- (C) Sri Lanka
- (D) Myanmar

84. The command in Excel software to find out the 'mean deviation' of some numbers is

- (A) MEANDEV
- (B) AVDEVTN
- (C) AVEDEV
- (D) MDEV

85. Which one of the following is not a 'Multi-Criteria Decision Making' tool?

- (A) TOPSIS
- (B) LOGIT
- (C) AHP
- (D) ELECTRE

86. ECBC stands for

- (A) Environmental Code on Building Components
- (B) Energy Conservation Building Code
- (C) Estimation of Concrete Building Component
- (D) Enhancement in Current Bureau of Conservation

87. Which one of the following Indian states has largest mangrove forest?

- (A) Tamil Nadu
- (B) Odisha
- (C) Kerala
- (D) West Bengal

88. ICOMOS refers to

- (A) International Council on Monuments and Sites
- (B) International Charter on Monuments and Sites
- (C) Indian Council on Monuments and Sites
- (D) Indian Charter on Monuments and Sites

89. Concept of 'Linear City' was proposed by

- (A) Le Corbusier
- (B) Soria Y. Mata
- (C) Paolo Soleri
- (D) Robert Omen

90. The West Bengal Municipal Act was initiated in

- (A) 1993
- (B) 1985
- (C) 2001
- (D) 2003

91. Finger Plan Concept was adopted in
(A) Chicago
(B) Canberra
(C) New York
(D) Copenhagen
92. "Genetic Algorithm" was first proposed by
(A) A. Rapoport
(B) J. Holland
(C) T. L. Saaty
(D) V. Neumann
93. Auroville in Tamil Nadu was designed by
(A) Soria Y. Mata
(B) Norman Foster
(C) Roger Anger
(D) Raj Rewal
94. NRuM is a mission for
(A) Rural sanitation programme
(B) Housing for all
(C) Rural cluster development
(D) Urban Rejuvenation
95. The concept of 'Backwash Effect' was introduced by
(A) Gunnar Myrdal
(B) August Losch
(C) John Freidmann
(D) Walter Christaller
96. As per Special Economic Zone (SEZ) Act (2005) and its amendment during 2013, minimum land requirement for agro-based SEZ area is
(A) 100 hectares
(B) 20 hectares
(C) 50 hectares
(D) 10 hectares
97. Which of the following cities was excluded from HRIDAY project?
(A) Dwarka
(B) Mathura
(C) Ajmer
(D) Kolkata
98. The 'Central Place Theory' was initiated by
(A) Alfred Weber
(B) August Losch
(C) Von Thunen
(D) Walter Christaller
99. "Golden Triangle" in India consists of
(A) Delhi-Mumbai-Kolkata
(B) Delhi-Jaipur-Jaisalmer
(C) Mumbai-Ahmadabad-Delhi
(D) Delhi-Agra-Jaipur
100. URDPFI was formulated in the year
(A) 2012
(B) 2014
(C) 2015
(D) 1998

Space for Rough Work

EAL