

SEAL

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Question Booklet No.

104773

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RT/S/I/E EXAM.

2021

RECRUITMENT TEST

Series

A

Time : 1½ Hours

Maximum Marks : 100

ROLL NO.

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RT/S/I/E EXAM. 2021/128-A

SEAL

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1. The Kalibangan, ancient site of the Indus Valley Civilization is found in which Indian State?

- (A) Haryana
- (B) Uttar Pradesh
- (C) Rajasthan
- (D) Punjab

2. Pushan, the God in the ancient India is linked with which of the following?

- (A) For marriages
- (B) For journeys
- (C) For meetings
- (D) All of the above

3. How many gems (extraordinary people) were in the court of Chandragupta-II?

- (A) Six
- (B) Seven
- (C) Eight
- (D) Nine

4. The Chinese traveller Hiuen Tsang, travelled to India during the reign of which of the following Kings?

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

5. Read the following pairs :

- (a) Pratihara dynasty—Northern India
- (b) Pala empire—South India
- (c) Chalukya dynasty—Western India

Choose the correct code of answer from the following :

- (A) (a) and (c) are correct
- (B) (b) and (c) are correct
- (C) (a) and (b) are correct
- (D) Only (a) is correct

6. The ancient Rajarani temple is situated in which place?

- (A) Hugli
- (B) Bhubaneswar
- (C) Raipur
- (D) Dhanbad

7. The treaties *Futuh-us-Salatin* is written by whom?

- (A) Firdausi
- (B) Alberuni
- (C) Isami
- (D) Abu Bakr

8. Francois Bernier, a French physician and traveller, came to India during which dynasty?

- (A) Mughal dynasty
- (B) Ganga dynasty
- (C) Maurya dynasty
- (D) Maratha dynasty

9. The Third Battle of Panipat was fought in which year?

- (A) 1760
- (B) 1761
- (C) 1762
- (D) 1763

10. Who was Alivardi Khan?

- (A) King of Daulatabad
- (B) Persian traveller to India
- (C) Army chief of Jahangir
- (D) None of them

11. The St. George Fort is in which of the following places in India?

- (A) Kolkata
- (B) Mumbai
- (C) Chennai
- (D) Delhi

12. Who led the Bardoli Satyagraha of 1928, during the period of the British Raj?

- (A) Vallabhbhai Patel
- (B) Mahatma Gandhi
- (C) Jawaharlal Nehru
- (D) Lal Bahadur Shastri

13. The Moplah rebellion took place in which of following years in Kerala?

- (A) 1919
- (B) 1921
- (C) 1923
- (D) 1925

14. The 1905 Bengal Partition was made during which of the following Viceroys?

- (A) Lord Minto
- (B) Lord Dufferin
- (C) Lord Hardinge
- (D) None of them

15. Pochampally Mandal in Nalgonda district is famous for

- (A) the killing of two Britishers by local Zamindars
- (B) the launch of Micro-Satyagraha
- (C) the start of Bhoodan movement
- (D) the visit of Jinnah

16. Which of the following Articles of Indian Constitution empowers the Parliament to amend the Constitution?

- (A) Article 253
- (B) Article 368
- (C) Article 384
- (D) Article 398

17. Read the following cases :

- (a) Indra Sawhney case
- (b) Minerva Mills case
- (c) Kesavananda Bharati case

Choose the correct code of answer from the following on the basis of chronological happening of cases :

- (A) (c), (b), (a)
- (B) (b), (a), (c)
- (C) (a), (c), (b)
- (D) (b), (c), (a)

18. The constitutional provisions regarding disqualification of members on ground of defections are in which schedule of the Indian Constitution?

- (A) Schedule 7
- (B) Schedule 8
- (C) Schedule 9
- (D) None of the above

19. Who among the following categories of persons (except Pakistan and Bangladesh) are eligible to apply under Overseas Citizenship of India Scheme?

- (A) A citizen of another country, who was a citizen of India at the time of, or at any time after, the commencement of the Constitution
- (B) A citizen of another country, who belonged to a territory that became part of India after the 15th day of August, 1947
- (C) A citizen of another country, who was eligible to become a citizen of India at the time of the commencement of the Constitution
- (D) All of the above

20. Haryana was carved out from Punjab and made into a full-fledged State in which year?

- (A) 1947
- (B) 1966
- (C) 1978
- (D) 1980

21. Indian Constitution declares the modalities for free and compulsory education to all children in which of the following age groups?

- (A) 5 to 12 years
- (B) 6 to 12 years
- (C) 6 to 14 years
- (D) 5 to 15 years

22. Which of the following is/are writ as per Indian Constitution?

- (A) Quo Warranto
- (B) Mandamus
- (C) Habeas Corpus
- (D) All of the above

23. Who among the following was the Chairman of Official Language Commission in 1955?

- (A) C. K. Hooda
- (B) B. G. Kher
- (C) R. M. Seshadri
- (D) P. L. Dhawan

24. Which Constitutional Amendment conferred Delhi with a special status and redesignated it as NCT of Delhi?

- (A) 69th Amendment
- (B) 70th Amendment
- (C) 75th Amendment
- (D) 81st Amendment

25. Which of the following is the brightest star in the night sky?

- (A) Spectun
- (B) Hrinkis
- (C) Sirius
- (D) Ditynj

26. Name the person who is **not** connected to astronomy.

- (A) Claudius Ptolemy
- (B) Johannes Kepler
- (C) Edwin Powell Hubble
- (D) None of them

27. What is Chandrasekhar limit?

- (A) It is related to study of credit limit to limited partnership form of business
- (B) It is related to study of limitation of using covid pills
- (C) It is related to study of mass of stars
- (D) It is related to fix the limit of Mansarovar Yatra

28. What is meant by the International Date Line?

- (A) It passes through the mid-Pacific Ocean
- (B) It is between India and Nepal due to recent border controversy
- (C) Fixing of date in export and import trade among WTO members
- (D) Proposal to draw the line between China and Taiwan

29. Dasht-e-Lut desert is in which country?

- (A) Botswana
- (B) Iran
- (C) Peru
- (D) Arabia

30. What is heat budget?

- (A) The huge budget provision by India for proposed covid vaccination
- (B) WHO declared covid pandemic affecting the global economy
- (C) The balance of incoming and outgoing heat on earth
- (D) Indian budgetary measures for roadside vendors displaced due to lockdowns

31. Which is the highest point in the Nicobar Islands?

- (A) Mount Aedaki
- (B) Mount Kondol
- (C) Mount South Megapod
- (D) Mount Thullier

32. One of the important functions of Antrix Corporation Limited is

- (A) providing technical consultancy services and transferring technologies to industry
- (B) financing schools for introducing space education laboratories
- (C) promoting Indian students to visit ISRO
- (D) None of the above

33. The Jamnagar refinery is

- (A) a foreign sector refinery
- (B) a private sector refinery
- (C) a public sector refinery
- (D) a Government owned refinery

34. The Alumina refinery is located at which of the following places in India?

- (A) Rajahmundry
- (B) Behrampur
- (C) Damanjodi
- (D) Bokaro

35. What is correct regarding NITI Aayog?

- (A) It has no power to allocate funds
- (B) It is a statutory body
- (C) The CEO is appointed by the President of India
- (D) Chief Ministers are not members of the governing council of the Aayog

36. How many missions are outlined under the National Action Plan on Climate Change (NAPCC)?

- (A) Five
- (B) Six
- (C) Seven
- (D) Eight

37. 'Sweet revolution' is a strategic step to emphasize the increase in

- (A) export of horticultural products
- (B) honey production
- (C) sugarcane production in non-producing areas
- (D) promoting pan India horticultural products

38. The current National Health Policy in India is

- (A) National Health Policy 1983
- (B) National Health Policy 2002
- (C) National Health Policy 2015
- (D) National Health Policy 2017

39. What is Pratyaksh Hanstantrit Labh Scheme?

- (A) Scheme for care for health workers
- (B) Scheme to stop single use plastic carry bags
- (C) Scheme for LPG consumers
- (D) Scheme of ensuring financial inclusion for the poor

40. What is/are correct regarding JANMANREGA?

- (A) It is a citizen-centric mobile application
- (B) It is an instrument for information flow to and from ground level
- (C) It has been developed in collaboration between the MoRD, NIC and NRSC
- (D) All of the above

41. At which place Rajnath Singh inaugurated India's first hypersonic wind tunnel test facility on 19th December 2020?

- (A) Bengaluru
- (B) Chandipur
- (C) Hyderabad
- (D) Mysore

42. In which plant of Apple Co. in India, the violence erupted during December 2020?

- (A) Foxconn plant near Chennai
- (B) Wistron plant near Bengaluru
- (C) Hon Hai plant near Kolkata
- (D) None of the above

43. In which year Ministry of Jal Shakti, a ministry under the Government of India, was formed?

- (A) 2017
- (B) 2018
- (C) 2019
- (D) 2020

44. Which country announced to withdraw from International Whaling Commission (IWC)?

- (A) Japan
- (B) China
- (C) Vietnam
- (D) Brazil

45. Which of the following dates is celebrated as National Handloom Day in India?

- (A) 7th August
- (B) 3rd September
- (C) 30th October
- (D) 19th November

46. The Guwahati Tea Auction Centre (GTAC) created another international history by selling 1 kg of the 'Golden Butterfly' tea at a whopping ₹ 75,000 during August 2019. It is produced by which of the following Tea Estates?

- (A) Mangalam Tea Estate
- (B) Halmari Tea Estate
- (C) Nonoi Tea Estate
- (D) Dikom Tea Estate

47. Which of the following is the country's first river inter-linking project?
- (A) Kosi-Mechi
(B) Godavari-Krishna
(C) Ken-Betwa
(D) None of the above
48. Gottiprolu, the recent excavation made by the Archaeological Survey of India (ASI), is in which State of India?
- (A) Telangana
(B) Andhra Pradesh
(C) Uttar Pradesh
(D) Jharkhand
49. The Cabinet has given in-principle approval for a major port in which of the following places during February 2020?
- (A) Vadhavan
(B) Shikazhi
(C) Dhamara
(D) Vodarevu
50. Mukhyamantri Anchal Amrit Yojana is launched by which of the following States during March 2019?
- (A) Himachal Pradesh
(B) Uttar Pradesh
(C) Assam
(D) Uttarakhand
51. Diksha Dagar is associated with which sport/game?
- (A) Squash
(B) Billiards
(C) Golf
(D) Cricket
52. Wipro Limited signed MoU with which of the following IITs for research in the areas of 5G and AI on March 28, 2019?
- (A) IIT Kharagpur
(B) IIT Bangalore
(C) IIT Bombay
(D) IIT Bhubaneswar
53. How many member States are there in the European Union (EU) after withdrawal of Britain during January 2020?
- (A) 26
(B) 27
(C) 28
(D) 29
54. Who among the following is the first woman, to break the record for longest continuous time spent in space?
- (A) Peggy Whitson
(B) Judith Resnik
(C) Kathryn C Thornton
(D) Christina Hammock Koch

55. The 13th meeting of Convention on Conservation of Migratory Species was held in which place during February 2020?

- (A) Kolkata
- (B) Kochi
- (C) Gandhinagar
- (D) Goa

56. The common symptom of Amoebiasis is

- (A) painful urination
- (B) rose color rashes
- (C) human influenza
- (D) None of the above

57. Who is the author of the book, *Last days of Netaji*?

- (A) M. A. Naidu
- (B) G. D. Khosla
- (C) Bimal Mitra
- (D) Dr. Shankar Ghose

58. Where is Govind Sagar Bird Sanctuary located?

- (A) Srinagar, Jammu and Kashmir
- (B) Bilaspur, Himachal Pradesh
- (C) Coimbatore, Tamil Nadu
- (D) Rohtas, Bihar

59. The Jaffarabadi breed of buffaloes are found in which State of India?

- (A) Gujarat
- (B) Rajasthan
- (C) Haryana
- (D) Uttar Pradesh

60. Mica is found in which of the following States in India?

- (A) Rajasthan
- (B) Bihar
- (C) Jharkhand
- (D) All of the above

61. Which process is applied for the production of alumina from bauxite?

- (A) The Thermal Process
- (B) The Halogen Process
- (C) The Bayer Process
- (D) The Hardiny Process

62. Which of the following is/are rocket propellant(s)?

- (A) Hybrid propellants
- (B) Solid propellants
- (C) Liquid propellants
- (D) All of the above

63. German Silver, an alloy, contains which of the following materials?

- (A) Mica
- (B) Zinc
- (C) Chrome
- (D) Alumina

64. What is the source of paraffin wax?

- (A) Petroleum
- (B) Bauxite
- (C) Cryolite
- (D) Dolomite

65. At what point of temperature, the readings in both the Celsius and Fahrenheit thermometers are same?

- (A) Minus 20 degrees
- (B) Minus 30 degrees
- (C) Minus 40 degrees
- (D) Minus 50 degrees

66. Why does water boil at a lower temperature on hills than in plains?

- (A) Due to the decreased atmospheric pressure than in the plains
- (B) Due to the increased atmospheric pressure than in the plains
- (C) Due to the hill terrains and the evaporation
- (D) None of the above

67. Where is the Jelep La pass?

- (A) Nepal
- (B) Afghanistan
- (C) Pakistan
- (D) India

68. Which of the following is celebrated as the International Day for Biological Diversity?

- (A) 22nd April
- (B) 22nd May
- (C) 22nd June
- (D) 22nd July

69. What is Mangrove?

- (A) New variety of mango gene developed in India
- (B) Species found in Thar desert of Rajasthan
- (C) Shrub or small tree that grows in coastal saline or brackish water
- (D) Food brand for domesticated animals

70. BND, an intelligence agency, belongs to which country?

- (A) Kenya
- (B) Austria
- (C) Congo
- (D) None of the above

71. Kawal Tiger Reserve is located in which State?

- (A) Telangana
- (B) Maharashtra
- (C) Jharkhand
- (D) Chhattisgarh

72. Which is known as fool's gold?

- (A) Radium
- (B) Zinc oxide
- (C) Iron pyrite
- (D) Mercury hydride

73. Which committee was appointed to look into the impact of future trading on farm commodity prices?

- (A) Patil Committee
- (B) Abhijit Sen committee
- (C) A C Saha Committee
- (D) Damodaran Committee

74. Which of the following is a unit of measurement of the optical power of lens?

- (A) Candela
- (B) Oersted
- (C) Gauss
- (D) Dioptre

75. Dr. Anil Kakodkar Committee was constituted for which purpose?

- (A) Dual exchange system
- (B) Microfinance to SHGs
- (C) Railway safety
- (D) Disinvestment of Government shares

76. Which of following is/are international airport(s)?

- (A) Coimbatore Airport
- (B) Raja Sansi Airport
- (C) Varanasi Airport
- (D) All of the above

77. The famous grasslands of the world, Pustaz, is in which country?

- (A) Hungary
- (B) Eurasia
- (C) USA
- (D) None of the above

78. Beck David Hansen is associated with which field?

- (A) Sports
- (B) Music
- (C) Politics
- (D) Science

79. The Pulitzer Prize is awarded in which of the following countries?

- (A) Germany
- (B) Italy
- (C) USA
- (D) Thailand

80. Who is the author of book, *Narendra Modi : The Man, The Times*?

- (A) PVR Rao
- (B) Rajamohan Gandhi
- (C) M J Akbar
- (D) Nilanjan Mukhopadhyay

81. The Government of India has approved the merger of which of the following pairs of central organizations?

- (A) NSSO and CSO
- (B) FOD and CSO
- (C) SDR and NSSO
- (D) CSD and NSSO

82. Which of the following volcanic islands is located in Andaman Islands?

- (A) Dhosi hills
- (B) Narcondam
- (C) Deccan trap
- (D) Dhinodhar hills

83. When the President of the Republic of India resigns from office, to whom the resignation letter is addressed?

- (A) The Chief Justice of India
- (B) The Prime Minister of India
- (C) The Vice President of India
- (D) The Presiding Officer of Lok Sabha

84. What is Ring of Fire?

- (A) The ring around the sun observed by NASA during solar eclipses
- (B) The ring around the moon observed by ISRO during full moon nights
- (C) The boundary of the black hole from where no escape is possible
- (D) Chain of volcanoes and seismically active sites that outline the Circum-Pacific volcanic belt

85. The Gol Ghar is situated in which City?

- (A) Patna
- (B) Malda
- (C) Dhanbad
- (D) Lucknow

86. Read the following pairs :

- (a) Center for Ecological Sciences—
Dharamshala
- (b) National Institute of Hydrology—
Roorke
- (c) National Biodiversity Authority—
Chennai

Choose the correct code of answer from the following :

- (A) (a) and (b) are correct
- (B) (a) and (c) are correct
- (C) (b) and (c) are correct
- (D) Only (a) is correct

87. Cetane number (cetane rating) is an indicator of the combustion

- (A) speed of petrol fuel
- (B) speed of diesel fuel
- (C) speed of gasoline fuel
- (D) None of the above

88. Khorja dance, one of the famous folk dances, is celebrated in which State of India?

- (A) Mizoram
- (B) Goa
- (C) Uttarakhand
- (D) Haryana

89. Who among the following is the fourth Guru of Sikh religion?

- (A) Guru Ram Das Ji
- (B) Guru Arjan Dev Ji
- (C) Guru Har Krishan Ji
- (D) Guru Angad Dev Ji

90. How many teeth does a rabbit have?

- (A) 22
- (B) 24
- (C) 28
- (D) 30

91. A type of chemical pesticide used to kill the plant-parasitic nematodes is known as

- (A) antifeedants
- (B) nematicides
- (C) fridlecide
- (D) reverse micelles

92. Read the following pair of poets and belonging States :

- (a) Lalleshwari — Kashmir
- (b) Nandi Thimmana — Maharashtra
- (c) Akka Mahadevi — Karnataka

Choose the correct code of answer from the following :

- (A) (a) and (b) are correct
- (B) (b) and (c) are correct
- (C) Only (b) is correct
- (D) (a) and (c) are correct

93. What is PM WANI project?

- (A) A Central Government's scheme to elevate wireless internet connectivity in the public spaces
- (B) PMO sponsored public linking project in Jammu and Kashmir and Ladakh after the abrogation of Article 370
- (C) All India Radio programme by Narendra Modi after taking over of second term as Prime Minister
- (D) Address by Prime Minister Narendra Modi to the nation during lockdowns

94. The Apple Electric Car Project is called as

- (A) Apple inc.
- (B) Tesla
- (C) Titan
- (D) Waymo

95. What is Gerrymandering?

- (A) Intended to establish an unfair political advantage for a particular party
- (B) Redistributing electoral constituencies to give undue advantage
- (C) Both (A) and (B)
- (D) None of the above

96. The Parliament of Norway is known as

- (A) Cortes
- (B) Stortinget
- (C) Diet
- (D) Folketinget

97. Rai Bahadur Sir Upendranath Brahmachari is associated with which of the following?

- (A) Kala-azar fever
- (B) Natural selection of laws
- (C) Cinematography
- (D) Power loom

98. The instrument used for the mechanical recording and reproduction of sound is known as

- (A) theodolite
- (B) tachometer
- (C) spherograph
- (D) phonograph

99. Read the following pairs carefully :

- (a) Hindustan Shipyard Limited—
Visakhapatnam
- (b) Mazgaon Dock—Goa
- (c) Garden Reach Shipbuilders—
Bombay

Choose the correct code of answer from the following :

- (A) (a) and (b) are correct
- (B) (b) and (c) are correct
- (C) Only (a) is correct
- (D) (a) and (c) are correct

100. What is meant by (the familiar and popular foreign word) Ceteris paribus?

- (A) Until we meet again
- (B) Other things being equal
- (C) Full discretionary powers
- (D) Manner of working