

SEAL

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Question Booklet No.

200114

Series

B

R/A/DO/E EXAM.

2021

GENERAL KNOWLEDGE

Time : 1½ Hours

Maximum Marks : 100

ROLL NO.

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R/A/DO/E EXAM. 2021/134-B

SEAL

1. The movement of a solvent across a semipermeable membrane towards a higher concentration of solute (lower concentration of solvent) is known as
  - (A) xylem
  - (B) alimensis
  - (C) alkalining
  - (D) osmosis
2. *The History of Hindu Chemistry* is written by
  - (A) Dr. Meghnad Saha
  - (B) T.W. Richards
  - (C) Sir Prafulla Chandra Ray
  - (D) Vikram Sarabhai
3. Robert Edwin Peary Sr., best known for claiming to have reached the geographic North Pole with his expedition on April 6, 1909, belongs to which nation?
  - (A) USA
  - (B) England
  - (C) Germany
  - (D) Japan
4. Which of the following countries was once historically known as Abyssinia?
  - (A) Congo
  - (B) Ethiopia
  - (C) Zaire
  - (D) Dahomey
5. What is Khetri famous for?
  - (A) Marble manufacturing
  - (B) Hydroelectric project
  - (C) Site of naphtha production
  - (D) Copper mining project
6. What is ecotone?
  - (A) It is an area identified by UN for research
  - (B) It is the recreational use of river mouth near sea
  - (C) It is a transition area between two ecosystems
  - (D) It is used in the atmospheric measurement
7. The Rokhia Gas Thermal Power Station is in
  - (A) Tripura
  - (B) Himachal Pradesh
  - (C) Gujarat
  - (D) Daman and Diu
8. When was the new symbol for Indian rupee officially adopted?
  - (A) 1st May, 2010
  - (B) 15th July, 2010
  - (C) 15th August, 2010
  - (D) 2nd October, 2010
9. Bastar Hill Myna is the State bird of which State?
  - (A) Odisha
  - (B) Jharkhand
  - (C) Kerala
  - (D) Chhattisgarh
10. The 24th Conference of the Parties to the United Nations Framework Convention on Climate Change (COP 24) took place in which country?
  - (A) France
  - (B) Sweden
  - (C) Poland
  - (D) China



11. What is correct regarding STOXX?
- A leading provider of market indexes
  - Used in covid vaccine by Johnson and Johnson
  - A name given by UN for green audit
  - A code given for Balakot Air Strike by IAF
12. Charles Babbage is connected to which of the following fields?
- Climate
  - Public service
  - Aviation
  - Computer
13. Who is hailed as 'Father of White Revolution' in India?
- Vinod Khosla
  - Sohrab Modi
  - Madan Kurien
  - None of them
14. UNESCO Kalinga Prize is awarded for which of the following?
- Social service in Asian region
  - The popularization of science
  - International refugee management
  - Unifying international peace initiatives
15. Which of the following promotes petroleum conservation in India?
- FCRA
  - NCRA
  - PCRA
  - DCRA
16. The World Food Safety Day is celebrated on
- June 7
  - July 14
  - September 2
  - December 5
17. Who is the author of *Portrait of India*?
- V. V. Giri
  - Romila Thapar
  - Nayantara Sehgal
  - Ved Mehta
18. Barabati Stadium is located in which city?
- Jamshedpur
  - Cuttack
  - Raipur
  - Surat
19. Doris Leuthard belongs to
- Malta
  - Estonia
  - Switzerland
  - Croatia
20. The National Institute of Nutrition (NIN) is an Indian public health, nutrition and translational research center and is located in
- Hyderabad
  - Bhubaneswar
  - Patna
  - Vellore

21. Which country will host the Winter Olympic Games, 2022?

- (A) Japan
- (B) England
- (C) New Zealand
- (D) China

22. The art of designing a camp is known as

- (A) Chiropody
- (B) Castrametation
- (C) Dioptrics
- (D) Deltiotrics

23. Love – A term is used in which sport?

- (A) Snooker
- (B) Polo
- (C) Tennis
- (D) Rifle shooting

24. Train 18 is also known as

- (A) Vande Bharat Express
- (B) Vande Janani Express
- (C) Bharat Shakti Express
- (D) Bharat Samman Express

25. Which commission was formed to look into the death of Subhas Chandra Bose?

- (A) Nanavati Commission
- (B) Shah Commission
- (C) Liberhan Commission
- (D) None of the above

26. Naik Tape Yajo had been awarded (posthumously) with which of the following?

- (A) Vir Chakra
- (B) Kirti Chakra
- (C) Sena Medal
- (D) Shaurya Chakra

27. Nisham Waii Sonam won NE MMA Championship, 2021 Bantamweight in which category?

- (A) 55 kg
- (B) 58 kg
- (C) 61 kg
- (D) 64 kg

28. Who pioneered the Satyashodhak Samaj?

- (A) Jyotirao Govindrao Phule
- (B) Chhatrapati Shivaji
- (C) Rani Laxmibai
- (D) Josiah Rao Saheb

29. Who of the following took lead in the Indian Rebellion of 1857 in Bihar and UP?

- (A) Kanhu Bisoi
- (B) Sardar K. C. Singh
- (C) Krishna Sahi
- (D) Babu Kunwar Singh

30. Tebhaga Andolan took place in which State of India?

- (A) Madhya Pradesh
- (B) Odisha
- (C) Bengal
- (D) Punjab

31. Neel Darpan is connected to which of the following?

- (A) Indigo Rebellion
- (B) Killing of Communist cadres
- (C) Atrocities against Santhal Tribes by British forces
- (D) Transferring power to British Crown

32. Gol Gumbaz is situated in which place?

- (A) Bijapur
- (B) Malwa
- (C) Deogiri
- (D) Awadh

33. Nasrat Shah was the Sultan of

- (A) Gujarat
- (B) Hyderabad
- (C) Bengal
- (D) Ahom

34. Who was also known as Lakh Baksh?

- (A) Iltutmish
- (B) Alauddin Khilji
- (C) Ahmed Shah
- (D) Qutub-ud-din Aibak

35. Which king expanded the policy of Dhamma?

- (A) Nizam of Hyderabad
- (B) Ashoka
- (C) Maharana Pratap
- (D) Firoz Shah

36. Research Design and Standards Organisation (RDSO) is situated in which city?

- (A) Lucknow
- (B) Kapurthala
- (C) Vishakhapatnam
- (D) Raebareli

37. Vijay Hazare trophy is associated with which of the following sports?

- (A) Badminton
- (B) Volleyball
- (C) Lawn tennis
- (D) Cricket

38. The Parthians originated from which of the following countries?

- (A) Afghanistan
- (B) Iraq
- (C) Iran
- (D) Turkmenistan

39. What is/are correct with regard to Henry Louis Vivian Derozio?

- (A) A teacher in Hindu college
- (B) He disseminated Western learning and science among the young men of Bengal
- (C) He was born in Kolkata
- (D) All of the above

40. Who was the leader of Faraizi Movement?

- (A) Vijiram Raje
- (B) Haji Shariatullah
- (C) Dasnami Sanyasi
- (D) Karim Shah

41. The Lucknow Pact was reached in which year?
- (A) 1916  
(B) 1917  
(C) 1918  
(D) 1919
42. The Partition of Bengal (1905), was carried out by
- (A) Lord Lansdowne  
(B) Lord Chelmsford  
(C) Lord Curzon  
(D) Lord Hardinge
43. Who was the founder of the Indian National Social Conference in 1887?
- (A) F. S. Mehta  
(B) M. G. Ranade  
(C) B. Tyyabji  
(D) K. C. Sen
44. The Ezhavas are a community connected to which of the following States?
- (A) Lakshadweep  
(B) Goa  
(C) Chhattisgarh  
(D) Kerala
45. The Panch Mahal is a palace in which place?
- (A) Jaipur  
(B) Puri  
(C) Fatehpur Sikri  
(D) Mysore
46. The mantra 'Do or Die' by Mahatma Gandhi was adopted during which of the following movements?
- (A) The Quit India Movement  
(B) The Champaran Movement  
(C) The Salt Satyagraha  
(D) The Civil Disobedience Movement
47. Who of following is linked to Abhinav Bharat Society?
- (A) Bhagat Singh  
(B) V. D. Savarkar  
(C) Lala Har Dayal  
(D) None of them
48. The RBI was established in which year?
- (A) 1st April 1930  
(B) 1st April 1933  
(C) 1st April 1935  
(D) 1st April 1936
49. Which of the following regiments was the Women's Regiment of the Indian National Army?
- (A) Madame Asaf  
(B) The Ahilyabai  
(C) The Parvati Sena  
(D) The Rani of Jhansi
50. Mahatma Gandhi compared Pherozeshah Mehta with the Himalayas and Gokhale with
- (A) the Pawan  
(B) the Ganges  
(C) the Mahamanav  
(D) the Mahatkam



51. The Unionist Party was a political party based in which province during the period of British rule in India?
- (A) Punjab  
(B) Bengal  
(C) Ajmer-Merwara  
(D) Baluchistan
52. The National Anthem was first sung on 27th December, 1911 at which of the Congress Sessions?
- (A) Delhi  
(B) Surat  
(C) Calcutta  
(D) Banaras
53. Nandalal Bose uniquely decorated which of the following?
- (A) The portrait of Rashtrapita  
(B) The Rashtrapati Bhavan  
(C) The Parliament Ashoka Hall  
(D) The original handwritten Constitution
54. In which case the Supreme Court of India originally stated that the Preamble is **not** an integral part of the Indian Constitution?
- (A) Berubari Case  
(B) Golakath Case  
(C) Swaran Singh Case  
(D) Kesavananda Bharti Case
55. The President of India can be impeached under which Article of the Constitution?
- (A) Article 59  
(B) Article 61  
(C) Article 63  
(D) Article 75
56. The Right to Freedom guarantees, to the citizens of India, how many Freedoms?
- (A) Four fundamental freedoms  
(B) Five fundamental freedoms  
(C) Six fundamental freedoms  
(D) Seven fundamental freedoms
57. The minimum age to be eligible to the office of the President of India is
- (A) 30 years  
(B) 35 years  
(C) 40 years  
(D) 45 years
58. How many Fundamental Duties are there in the Indian Constitution?
- (A) 9  
(B) 10  
(C) 11  
(D) 12
59. In the Constitution, the Executive power of the Union is vested upon which of the following?
- (A) The Union Legislature  
(B) The Prime Minister  
(C) The Vice President  
(D) The President
60. Where is Baralacha La Pass?
- (A) Himachal Pradesh  
(B) Uttarakhand  
(C) Jammu and Kashmir  
(D) Sikkim

61. The Article 266(1) deals with which of the following?  
 (A) Financial emergency  
 (B) Consolidated Fund of India  
 (C) Creation of PM CARES Fund  
 (D) Clearing of money bills
62. In January 2021, which High Court had observed that there should be "skin-to-skin contact with sexual intent" in order to be considered as sexual assault?  
 (A) The Gujarat High Court  
 (B) The Punjab and Chandigarh High Court  
 (C) The Lucknow Bench of the Allahabad High Court  
 (D) The Nagpur Bench of the Bombay High Court
63. Who are the members of the National Development Council (NDC)?  
 (A) The Union Cabinet Ministers  
 (B) The Chief Ministers of all States  
 (C) The Representatives of the Union Territories  
 (D) All of the above
64. Who of the following was appointed as the CAG of India on 8 August, 2020?  
 (A) A. C. Arora  
 (B) Rajiv Mehrishi  
 (C) G. C. Murmu  
 (D) None of them
65. Which Amendment of the Constitution empowered the State to undertake affirmative action for the advancement of any socially and economically backward classes?  
 (A) The 1st Amendment  
 (B) The 4th Amendment  
 (C) The 6th Amendment  
 (D) The 7th Amendment
66. Which of the following connects Andaman Islands and Nicobar Islands?  
 (A) Nine degree channel  
 (B) Ten degree channel  
 (C) Eleven degree channel  
 (D) Twelve degree channel
67. Toda Community belongs to which Indian State?  
 (A) Nagaland  
 (B) Himachal Pradesh  
 (C) Uttarakhand  
 (D) None of the above
68. Mikir Hills are located in  
 (A) North India  
 (B) Central India  
 (C) Northeast India  
 (D) South India
69. Which of the following is correctly matched?
- | Location        | Institute                                      |
|-----------------|--|
| (A) Coimbatore: | Institute of Forest Genetics and Tree Breeding |
| (B) Rourkela :  | Institute of Minerals and Metals Technology    |
| (C) Ranchi :    | Rain Forest Research Institute                 |
| (D) Bengaluru : | FSSAI Headquarters                             |
70. Which city is known as Cottonopolis of India?  
 (A) Coimbatore  
 (B) Ahmedabad  
 (C) Mumbai  
 (D) Surat



71. The Chabahar Port is in which of the following countries?
- (A) Iraq
  - (B) Iran
  - (C) Kuwait
  - (D) Qatar
72. Where is the headquarters of East Coast Railway?
- (A) Hyderabad
  - (B) Chennai
  - (C) Vishakhapatnam
  - (D) Bhubaneswar
73. Which planet is also called 'watery planet' thin?
- (A) Mercury
  - (B) Jupiter
  - (C) Pluto
  - (D) None of the above
74. The scale used to measure wind velocity is
- (A) Beaufort scale
  - (B) Barometer scale
  - (C) Garvton scale
  - (D) Argon scale
75. What is the wind from the Sahara called?
- (A) Arafura
  - (B) Wily-Wily
  - (C) Sirocco
  - (D) Mistral
76. What is/are correct regarding tidal energy?
- (A) Potential for future electricity generation
  - (B) Source of renewable energy
  - (C) Energy is created using the movement of tides
  - (D) All of the above
77. In which of the following countries, ammonium nitrate was exploded in August, 2020 killing more than 200 people?
- (A) Syria
  - (B) Lebanon
  - (C) Libya
  - (D) Iraq
78. What is El Nino effect?
- (A) It is an abnormal weather pattern caused by the warming of the Pacific Ocean near the equator
  - (B) It is an effect on the world inoculation during global pandemic
  - (C) Effect on global economy on third world countries due to Brexit
  - (D) Effect on human mental health due to continued Covid-19
79. Downs is called as natural cattle country and is located in
- (A) Argentina
  - (B) South America
  - (C) Australia
  - (D) Ukraine
80. The Kimberley city is famous for
- (A) crude oil
  - (B) cigar
  - (C) meat market
  - (D) diamond

81. Macroeconomics does **not** cover which of the following?

- (A) Poverty
- (B) Unemployment
- (C) National income
- (D) None of the above

82. Which of the following is **not** within the ambit of GST?

- (A) Gold Jewelry
- (B) Petroleum
- (C) Handloom silk
- (D) None of the above

83. Forestry and fishing falls under which of the following sectors?

- (A) Primary sector
- (B) Secondary sector
- (C) Tertiary sector
- (D) Developing sector

84. The Harrod-Domar model signifies which of the following?

- (A) A strategy for providing high bandwidth in rural India
- (B) A model applied for abrogation of Article 370
- (C) A Keynesian model of economic growth
- (D) A model for solving recent India-Nepal border dispute

85. Global Multidimensional Poverty Index (MPI) by UNDP covers which of the following dimension(s)?

- (A) Health
- (B) Education
- (C) Standard of living
- (D) All of the above

86. Which of the following programmes addresses improving the health and nutrition status of pregnant, lactating women and infants?

- (A) National mission for women welfare
- (B) Matritva Swayam Siddha
- (C) Rashtriya Mahila Poshan Abhiyan
- (D) None of the above

87. The Union Budget for 2020-21 announced an increase in Foreign Direct Investment (FDI) limit in insurance from 49% to

- (A) 51%
- (B) 60%
- (C) 74%
- (D) 75%

88. As per MSME Policy 2012, the investment limit in plant and machinery for small enterprises is

- (A) ₹ 10 lakh to ₹ 2 crore
- (B) ₹ 25 lakh to ₹ 5 crore
- (C) ₹ 50 lakh to ₹ 5 crore
- (D) ₹ 75 lakh to ₹ 10 crore

89. The SENSEX is related to which of the following?

- (A) BSE
- (B) NSE
- (C) MCX
- (D) CNX

90. The market structure in which a single buyer substantially controls the market as the major purchaser of goods and services offered by many would-be sellers is known as

- (A) regressive
- (B) monopoly
- (C) non-price
- (D) monopsony

91. Which of the following countries is associated with Kiel Canal?
- (A) Sri Lanka  
(B) Germany  
(C) Russia  
(D) Venezuela
92. The Pokhran I test was conducted on which of the following dates?
- (A) 18th March 1974  
(B) 18th April 1974  
(C) 18th May 1974  
(D) 18th June 1974
93. Which of the following districts has been awarded with Digital India Award, 2020 in the 'Excellence in Digital Governance-District' category in AP?
- (A) Papum Pare  
(B) Tirap  
(C) East Siang  
(D) Changlang
94. The world's largest cricket stadium light up was done by
- (A) Signify India  
(B) Shine India  
(C) Bright India  
(D) Light India
95. What is ramjet?
- (A) A firm created for construction of Ram temple at Ayodhya  
(B) Missile technology developed by DRDO  
(C) Modern Sprinkler irrigation system from Israel for farming in Thar desert  
(D) Farming assistances provided under PM Kisan Yojana
96. The Exercise 'Pitch Black' is associated with which country?
- (A) USA  
(B) Japan  
(C) Australia  
(D) North Korea
97. The Mount Etna volcano is in which country?
- (A) Brazil  
(B) Chile  
(C) Canada  
(D) Italy
98. The banking Ombudsman is appointed by the RBI as per
- (A) The RBI Act, 1935  
(B) The Banking Scheme, 2006  
(C) The Banking Ombudsman Scheme, 2006  
(D) The RBI Regulation, 2007
99. Mach number is used regarding the speed of which of the following?
- (A) Aircraft  
(B) Metro train  
(C) Monorail  
(D) Toy train
100. What does SONAR stand for?
- (A) Census 2021  
(B) Sound Navigation and Ranging  
(C) Optical fiber cabling in ocean  
(D) short range missile by DRDO