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SCREENING TEST-2012

ASSISTANT CONTROLLER

Serial No.



Time Allowed : Two Hours

Maximum Marks : 120

INSTRUCTIONS

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4. This Booklet contains 120 items (questions). Each item comprises *four* responses (answers). You will select *one* response which you want to mark on the Response Sheet. In case you feel that there is more than one correct response, mark the response which you consider the best. In any case, choose **ONLY ONE** response for each item.
5. In case you find any discrepancy, in this test booklet in any question(s) or the Responses, a written representation explaining the details of such alleged discrepancy, be submitted within three days, indicating the Question No(s) and the Test Booklet Series, in which the discrepancy is alleged. Representation not received within time shall not be entertained at all.
6. You have to mark all your responses **ONLY** on the separate Response Sheet provided. See directions in the Response Sheet.
7. All items carry equal marks. Attempt **ALL** items. Your total marks will depend only on the number of correct responses marked by you in the Response Sheet.
8. Before you proceed to mark in the Response Sheet the response to various items in the Test Booklet, you have to fill in some particulars in the Response Sheet as per instructions sent to you with your Admit Card and Instructions.
9. While writing Centre, Subject and Roll No. on the top of the Response Sheet in appropriate boxes use **“ONLY BALL POINT PEN”**.
10. After you have completed filling in all your responses on the Response Sheet and the examination has concluded, you should hand over to the Invigilator only the Response Sheet. You are permitted to take away with you the Test Booklet.

Your Roll No.

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ROUGH WORK

1. Microtomy is a technique which deals with :
(A) Section cutting (B) Study of cell functions
(C) The study of cell lineage (D) All of the above
2. Micrurgy is the art or science of :
(A) Dissection under microscope (B) Dissection under aseptic conditions
(C) Dissection under open air (D) None of the above
3. A micron is :
(A) Millionth of a meter (B) Thousandth of a millimeter
(C) 10^{-6} m (D) All of the above
4. An autoclave is an apparatus to sterilize media and instruments at 15 lb pressure for 15 minutes. The temperature at 15 lb pressure inside the vessel is :
(A) 111°C (B) 101°C
(C) 121°C (D) 221°C
5. Penguin is mammal because it possesses :
(A) Vertebral column (B) Mammary glands
(C) Lymph glands (D) Memory glands
6. The number of bones in human body is :
(A) 196 (B) 206
(C) 306 (D) 106
7. Which of the following is egg laying mammal ?
(A) Bat (B) Whale
(C) Duckbill Platypus (D) All of the above
8. Archaeology is the study of :
(A) Excavation (B) Topography
(C) Vegetation (D) Desertification
9. To detect criminals which of the following technique is most appropriate ?
(A) DNA profiling (B) RAPD
(C) Both (A) and (B) (D) Chemo profiling

10. Golden rice is having gene for :
(A) Disease resistance (B) Provitamin-A
(C) Vitamin D synthesis (D) All of the above
11. Change in structure and function of living organisms with age is :
(A) Adaptation (B) Degeneration
(C) Metabolism (D) Development
12. Cryopreservation is the preservation of biological materials at :
(A) -111°C (B) -141°C
(C) -196°C (D) -80°C
13. Goitre is caused due to the deficiency of :
(A) Vitamin A (B) Vitamin C
(C) Iron (D) Iodine
14. Which of the following is true for the Cry gene inserted in Bt. Cotton for the development of resistance against the boll worm ?
(A) Obtained from Gram + ve Bacteria
(B) Obtained from *Bacillus thuringiensis*
(C) Produces Bt. Protein which is not harmful to human
(D) All of the above
15. The Nobel Prize in physiology/medicine 2012 is given to which of the following scientists ?
(A) Serge Haroche and Shinya Yamanaka
(B) Sir John B. Gurdon and Shinya Yamanaka
(C) David J. Wineland and Brian K Kobilka
(D) Robert J Lefkowitz and Brian K Kobilka
16. The First animal to be cloned was :
(A) Sheep (B) Donkey
(C) Cat (D) Buffalo
17. Hygrometer is an instrument to measure :
(A) Humidity (B) Density of Liquid
(C) Absorption of water (D) Evaporation of water

18. Bat is a :
- (A) Mammal (B) Vertebrate
(C) Chordate (D) All of the above
19. Electron microscope was constructed by :
- (A) Frits Zernicke (B) Z. Jonseen and H Jonseen
(C) Max Knoll and Ernst Ruska (D) None of the above
20. In an outer space the sky looks dark instead of blue due to the absence of which phenomenon ?
- (A) Reflection of sunlight (B) Refraction of sunlight
(C) Scattering of sunlight (D) Diffraction of sunlight
21. The founder of the Hyderabad State was :
- (A) Nazim of Bengal (B) Saadat Khan
(C) Alivardi Khan (D) Nizam-ul-Mulk
22. Who of the following was not the Peshwa of the Maratha King Shahu ?
- (A) Baji Rao I (B) Baji Rao II
(C) Balaji Baji Rao (D) Balaji Wishwanath
23. Pitt's India Act of 1784 established six commissioners commonly known as :
- (A) Board of Control (B) Board of Revenue
(C) Board of Trade (D) Court of Directors
24. The author of Tuhfatul Muwahidin was :
- (A) Altaf Husain Hali (B) Sir Syed Ahmad Khan
(C) Raja Rammohan Roy (D) Munshi Naval Kishore
25. The famous "Downward filtration theory" was advocated by :
- (A) Elijah Impey (B) Macaulay
(C) Charles Wood (D) James Mill
26. The two major cities of the Indus Valley Civilization excavated by archaeologists are Mohanjodaro and :
- (A) Lothal (B) Kalibangan
(C) Chanhu Daro (D) Harappa

27. Gautam Buddha attained nirvana at :
(A) Bodh Gaya (B) Lumbini
(C) Kushinagar (D) Sarnath
28. Megasthenes visited India during the reign of :
(A) Ashoka (B) Chandragupta I
(C) Harsha (D) Chandragupta Maurya
29. The Kailasa temple at Ellora was built by :
(A) Rashtrakuta ruler, Krishna I (B) Pallava ruler, Mahendravarman I
(C) Chalukya ruler, Pulakesin I (D) Satavahana ruler, Satakarni I
30. The most famous centre for learning during the Mauryan period was :
(A) Nalanda (B) Bodh Gaya
(C) Taxila (D) Ujjain
31. Vijayalaya, the founder of the Chola dynasty was a feudatory of the :
(A) Chera King (B) Pallava King
(C) Chalukya King (D) Satavahana King
32. The most detailed and authentic record of Samudragupta's reign is inscribed on the :
(A) Iron Pillar at Qutub Complex (B) Stone temple at Sanchi
(C) Allahabad Pillar inscription (D) Brick temple at Bhitargaon
33. Which of the following scripts has not been used in the writings of Ashokan edicts ?
(A) Aramaic (B) Brahmi
(C) Kharoshthi (D) Siddhamatrika
34. The construction of Qutub Minar was completed by :
(A) Qutubuddin Aibek (B) Qutubuddin Bakhtiyar Kaki
(C) Muizuddin (D) Iltutmish
35. In his agrarian measures Alauddin Khalji was helped by :
(A) Ain-ul-Mulk Multani (B) Sharaf Qaini
(C) Zafar Khan (D) Alaul Mulk

36. Mansabdars in the Mughal period were :
- (A) Revenue Collectors
 - (B) Army officers
 - (C) Officials of the State
 - (D) Hindu Chiefs, who accepted Mughal suzerainty
37. Nobel Prize in Physics for 2012 has been awarded to :
- (A) Serge Haroche and David J. Wineland
 - (B) John Gordon and Stephen Hawkins
 - (C) Brian Schmitt
 - (D) Andre Gim
38. The 39th Chief Justice of India appointed on 29th September, 2012 is :
- (A) Justice S. H. Kapadia
 - (B) Justice Altamas Kabir
 - (C) Justice Y.K. Sachchar
 - (D) Justice Ahmadi
39. T-20 World-Cup Cricket championship 2012 was won by :
- (A) India
 - (B) Australia
 - (C) Sri Lanka
 - (D) West Indies
40. Who is a signatory with India in the loan agreement of five hundred million dollars towards secondary education project named as Rashtriya Madhyamik Shikshha Abhiyan ?
- (A) IMF
 - (B) World Bank
 - (C) Royal Swedish Academy of Sciences
 - (D) Central Bank of Sweden
41. Which country of Asia has the longest coastline in proportion to its area ?
- (A) Japan
 - (B) Philippines
 - (C) Vietnam
 - (D) Indonesia
42. Which continent has the highest infrastructural facilities and social capital ?
- (A) North America
 - (B) South America
 - (C) Europe
 - (D) Asia

43. Which mountain system has the greatest influence on the climate ?
(A) Rocky Mountains (B) Andes Mountains
(C) Alps Mountains (D) Himalaya Mountains
44. What is the greatest source of energy in the Indian Economy ?
(A) Hydel power (B) Thermal power
(C) Nuclear power (D) Tidal power
45. Which is the greatest source of irrigation to the Indian agriculture ?
(A) Well irrigation (B) Canal irrigation
(C) Tank irrigation (D) Drip irrigation
46. Which lake gets completely frozen during the winter season ?
(A) Sambhar Lake (B) Nagin Lake
(C) Nainital Lake (D) Loktak Lake
47. Westerly Jet Stream during the summer season is located between :
(A) 35°N to 45°N (B) 30°N to 40°N
(C) 25°N to 35°N (D) 20°N to 35°N
48. Which State is the largest producer of wheat in India ?
(A) Madhya Pradesh (B) Uttar Pradesh
(C) Haryana (D) Punjab
49. Which State has the highest rice yield in India ?
(A) Punjab (B) Haryana
(C) West Bengal (D) Kerala
50. Which State has the highest agricultural density in India ?
(A) Bihar (B) West Bengal
(C) Kerala (D) Uttar Pradesh
51. The Andaman and Nicobar group of islands have been separated by :
(A) Eight Degree Channel (B) Nine Degree Channel
(C) Ten Degree Channel (D) Twelve Degree Channel

52. The highest mountain peak in the Eastern Ghats is :
(A) Anai Mudi (B) Javadi Hills
(C) Jyantia Hills (D) Mahendra Giri
53. High percentage of child population in a country is due to :
(A) High birth rate (B) High death rate
(C) High life expectancy (D) Joint family system
54. What is the weather characteristic of Indian plains during the winter season ?
(A) Warm days and cold nights (B) Warm days and warm nights
(C) Cool days and cold nights (D) Cold days and cool nights
55. Which place in India is famous for Karst features ?
(A) Trivandrum (B) Jabalpur
(C) Barmer (D) Mawsynram
56. Which State has the highest percentage of Net Sown Area in India ?
(A) Uttar Pradesh (B) Bihar
(C) West Bengal (D) Kerala
57. Which State shares its boundary with largest number of other States of India ?
(A) Uttar Pradesh (B) Assam
(C) Chhattisgarh (D) Madhya Pradesh
58. Ebony trees are found in the areas with rainfall more than :
(A) 150 cm (B) 100 cm
(C) 70 cm (D) 50 cm
59. Tropic of Cancer does not pass through which of the following States ?
(A) West Bengal (B) Tripura
(C) Mizoram (D) Manipur

60. Which country has the largest extent of territorial waters ?
(A) Thailand (B) Japan
(C) Indonesia (D) Philippines
61. The Community Development Programme was launched for :
(A) Empowerment of women
(B) Uplift of women and scheduled castes
(C) Ensuring peoples participation in development
(D) None of the above
62. The members of All India Services are appointed by :
(A) Union Public Service Commission (B) Ministry of Personnel
(C) Cabinet (D) President
63. The first step to organize students in India was initiated in 1920 when All India Students Union was formed by :
(A) Lala Lajpat Rai (B) Gandhi
(C) Motilal Nehru (D) Subhash Chandra Bose
64. Who chaired the committee appointed by the Janata Government to review the Panchayati Raj ?
(A) Ashok Mehta (B) Krishna Iyer
(C) Chandrashekhar (D) None of the above
65. The Urban local bodies in India were accorded constitutional status by :
(A) 70th Amendment Act (B) 73rd Amendment Act
(C) 74th Amendment Act (D) 80th Amendment Act
66. The Coalition Government of A.B. Vajpayee in 1998 lasted for :
(A) 24 Months (B) 13 Months
(C) 4 Years (D) 3 Years
67. Parliament in India consists of :
(A) Council of States and House of the People
(B) President, Council of States and House of the People
(C) Cabinet, Council of States and House of the People
(D) Council of Ministers, Council of States and House of the People

68. Which of the following is not provided by the Constitution of India ?
- (A) Finance Commission (B) Joint Public Service Commission
(C) Planning Commission (D) Election Commission
69. India, that is, Bharat is a :
- (A) Federal State
(B) Federal State with Unitary features
(C) Union of States
(D) Unitary State with Federal features
70. The tenure of Panchayats is :
- (A) 5 years
(B) 4 years
(C) During the pleasure of Governor
(D) During the pleasure of Legislative Assembly
71. An Ordinance promulgated by a Governor ceases to operate :
- (A) After the expiry of six weeks from the reassembly of the Legislature
(B) After the expiry of six months from the reassembly of the Legislature
(C) After the expiry of one year from the reassembly of the Legislature
(D) After the expiry of two years from the reassembly of the Legislature
72. Parliamentary system of government is based on :
- (A) Rule of law (B) Supremacy of Constitution
(C) Collective responsibility (D) Judicial review
73. Who among the following was the advocate of partyless democracy ?
- (A) Gandhi (B) Jay Prakash Narayan
(C) Raj Narain (D) Indira Gandhi
74. The total number of Ministers in the Council of Ministers including the Prime Minister shall not exceed :
- (A) 15 percent of the total number of members of the House of the People
(B) 20 percent of the total number of members of the House of the People
(C) 10 percent of the total number of members of the House of the People
(D) The size of the Council is not fixed

75. Which of these abbreviations can be used for more than one State ?
(A) UP (B) MP
(C) AP (D) GP
76. In which of the following the presiding officer is not a member of the House ?
(A) Legislative Assembly (B) House of the People
(C) Council of Ministers (D) Council of States
77. Who among the following introduced Local Self Government in India ?
(A) Ripon (B) Dalhousie
(C) Curzon (D) Mountbatten
78. Who elects the members of the Council of States ?
(A) House of the People
(B) Legislative Councils
(C) Local Bodies
(D) Elected Members of the Legislative Assembly of the States
79. The origin of pressure groups can be traced to :
(A) France (B) England
(C) USA (D) Germany
80. The Council of Ministers in India is responsible to :
(A) Council of States
(B) Council of States and House of the People
(C) House of the People
(D) President
81. The first woman President of the Indian National Congress was :
(A) Sarojini Naidu (B) Vijaya Lakshmi Pandit
(C) Annie Beasant (D) Indira Gandhi
82. The Ghadar Party started its activities in India in :
(A) Bombay (B) Punjab
(C) Central India (D) Awadh

83. Gandhi suspended Non-cooperation movement in February, 1922 due to a violent incident at :
- (A) Surat (B) Chauri Chaura
(C) Jallianwala Bagh (D) Chausa
84. Who called Cripps' proposal as "Post dated cheque" ?
- (A) Mahatma Gandhi (B) Jawaharlal Nehru
(C) Motilal Nehru (D) C.R. Das
85. Montague-Chelmsford reforms provided for :
- (A) Diarchy
(B) Separate communal electorate
(C) Provincial autonomy
(D) Women participation in assembly elections
86. Partition of Bengal was undertaken with the view of :
- (A) Making two provinces of equal size
(B) Creating a wedge in Hindu-Muslim unity
(C) Administrative reforms
(D) Suppressing Bengali poets who were supporting national movement
87. Gandhi's first experience in mass movement in India was at :
- (A) Bardoli (B) Dandi
(C) Kheda (D) Champaran
88. Forward Bloc was founded by :
- (A) C.R. Das (B) M.N. Roy
(C) Subhash Chandra Bose (D) Rash Behari Bose
89. Muslim League and the Indian National Congress held their annual sessions in Dec. 1915 at :
- (A) Madras (B) Lucknow
(C) Surat (D) Bombay
90. Gandhi participated as a member of the Indian National Congress in :
- (A) First Round Table Conference
(B) Second Round Table Conference
(C) Third Round Table Conference
(D) None of the above

91. Who among the following did not represent the militant school of thought ?
(A) Raj Narian Bose (B) Bal Gangadhar Tilak
(C) Ashwini Kumar Dutt (D) M.N. Roy
92. Bal Gangadhar Tilak was associated with :
(A) Abhinava Bharat (B) Yugantar
(C) Kesari (D) Comrade
93. Who said “Non-violence is the law of our species, as violence is the law of the brute” ?
(A) Gandhi (B) Motilal Nehru
(C) Chittaranjan Das (D) Acharya Narendra Dev
94. Muslim League adopted the Pakistan Resolution in :
(A) Aug. 1940 (B) March 1939
(C) Aug. 1939 (D) March 1940
95. Subhash Chandra Bose formed Azad Hind Fauj or Indian National Army in :
(A) Japan (B) Germany
(C) Singapore (D) Afghanistan
96. Surendranath Banerjea belonged to the group of Indian National Congress generally known as the :
(A) Free Thinkers (B) Moderates
(C) Extremists (D) Supporters
97. Which of the following gives the correct ascending chronological sequence of the movements ?
I. Swadeshi Movement
II. Non-Cooperation Movement
III. Quit India Movement
IV. Civil Disobedience Movement
(A) I, II, III, IV (B) IV, I, II, III
(C) II, I, III, IV (D) I, II, IV, III

98. Which of the following alternatives gives the correct chronological sequence of the events ?

I. Dandi March

II. Champaran Satyagraha

III. Ghadar Party

IV. Khilafat Movement

(A) I, III, IV, II

(B) I, II, III, IV

(C) III, I, IV, II

(D) III, II, IV, I

99. The nationalist movement in India became an organized mass movement from :

(A) 1857

(B) 1885

(C) 1905

(D) 1919

100. The first Muslim to infuse scientific rationalism among the Muslims of India was :

(A) Sir Syed Ahmad Khan

(B) Maulana Azad

(C) Dr. M.A. Ansari

(D) Maulana Muhammad Ali

101. Contract has been defined as an agreement enforceable by law :

(A) Section 2(a)

(B) Section 2(b)

(C) Section 2 (e)

(D) Section 2(h)

102. Void agreement signifies :

(A) agreement illegal in nature

(B) agreement not enforceable by law

(C) agreement violating legal procedure

(D) agreement against public policy

103. Which is correct ?

(A) proposal + acceptance = promise

(B) promise + consideration = agreement

(C) agreement + enforceability = contract

(D) all of the above

104. Goods displayed in a shop with a price tag is an :

(A) offer

(B) invitation to offer

(C) counter offer

(D) none of the above

105. When the consent to the contract is caused by coercion, the contract under section 19 is :
- (A) valid (B) voidable
(C) void (D) illegal
106. What is a reasonable time for the performance of a contract ?
- (A) is a question of fact (B) is a question of law
(C) is a mixed question of fact and law (D) is a question of prudence
107. Which article of the Constitution of India confers special status to the State of J & K ?
- (A) 370 (B) 325
(C) 368 (D) 372
108. Indian sovereignty in seas extends up to nautical miles.
- (A) 8 (B) 10
(C) 12 (D) 14
109. The Legal Metrology Act, 2009 came into force on :
- (A) 1st April 2011 (B) 2nd May 2012
(C) 4th May 2011 (D) 1st June 2011
110. The Legal Metrology Act, 2009 repealed :
- (A) Standards of Weights and Measures Act, 1976
(B) The Standards of Weights and Measures (Enforcement) Act, 1985
(C) Both (A) and (B)
(D) None
111. The Legal Metrology Act, 2009 is a :
- (A) Central Legislation (B) State Legislation
(C) Ordinance (D) None
112. Who appoints a Director of Legal Metrology ?
- (A) Central government
(B) State government
(C) Both (A) and (B)
(D) Sometimes central government sometimes state government

113. A Controller of Legal Metrology is appointed by :
- (A) Central government (B) State government
(C) Municipal Corporation (D) None of the above
114. The Controller of Legal Metrology is appointed under :
- (A) Section 19 of The Legal Metrology Act, 2009
(B) Section 13 of The Legal Metrology Act, 2009
(C) Section 14 of The Legal Metrology Act, 2009
(D) Section 4 of The Legal Metrology Act, 2009
115. The Director of Legal Metrology is appointed under :
- (A) Section 13 of The Legal Metrology Act, 2009
(B) Section 19 of The Legal Metrology Act, 2009
(C) Section 12 of The Legal Metrology Act, 2009
(D) Section 14 of The Legal Metrology Act, 2009
116. 24th December has been declared as :
- (A) World Consumer Rights Day (B) National Consumer Day
(C) Metrology Day (D) Human Rights Day
117. 15th March is observed as :
- (A) World Consumer Rights Day (B) National Consumer Day
(C) Metrology Day (D) None of the above
118. The President appoints :
- (A) Advocate-General (B) Solicitor-General
(C) Council of Ministers (D) Comptroller and Auditor General
119. Right to Education in the Indian Constitution is provided under the Chapter Fundamental Rights pertains to :
- (A) Article 21 (B) Article 21-A
(C) Article 21-B (D) Article 21-D
120. The Chairman of the Constituent Assembly was :
- (A) Jawaharlal Nehru (B) Dr. B.R. Ambedkar
(C) C. Rajagopalachari (D) Dr. Rajendra Prasad

Rough Work

Rough Work