

General Studies

BPSC CCE 72

Preliminary

Anzoraw Test Series

Practice powers potential

Booklet Series

00/A/BPSC/PPCCE-71(M)

Booklet Serial No.

A

Question Booklet

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General Studies

Candidate's Roll No.

Time allowed: 2 Hours

Maximum Marks: 150

Read the following instructions carefully before you begin to answer the questions.

IMPORTANT INSTRUCTIONS

1. This Question Booklet contains 150 questions in all.
2. All questions carry equal marks.
3. An Answer Sheet has been supplied inside the question booklet to mark the answers. You must write your Roll Number and encode it and write other particulars in the space provided in the answer sheet, failing which your Answer Sheet will not be evaluated.
4. Each question comprises of four responses — (A), (B), (C) and (D) against each question. You are to select **ONLY ONE** correct response and mark it in your Answer Sheet. In case you feel that there are more than one correct response, mark the response which you consider the best. In any case choose **ONLY ONE** response for each question.
5. In the Answer Sheet, there are four circles — A, B, C & D against each question. To answer the questions, you are to mark with **Blue/Black ink ballpoint pen only to mark the answer in the Answer Sheet. Any eraser or change is not allowed.**
6. For each question for which a wrong answer/more than one answer has been given by the candidates, **one third (1/3)** of the marks assigned to that question will be deducted as penalty.
7. You are not allowed to take this question booklet and the Answer Sheet out of the Examination Hall during the examination. **After the examination has concluded, you must hand over your Answer Sheet to the invigilator.** Thereafter, you are permitted to take away the Question Booklet with you.
8. Failure to comply with any of the above instructions will render you liable to such action or penalty as the Board may decide at their discretion.
9. Candidates must assure before leaving that their Answer sheet has been kept properly.

1. What is the structural and functional unit of life?
 - A. Cell
 - B. Tissue
 - C. Organ
 - D. Organism

2. Which of the following is a non contact force?
 - A. Frictional force
 - B. Magnetic force
 - C. Impact force
 - D. None of the above

3. In which of the following states of India has major reserves of coal?
 - A. Chhattisgarh
 - B. Jharkhand
 - C. Odisha
 - D. All of the above

4. Which of the following is highly elongated elliptical orbit?
 - A. Meteor
 - B. Meteorite
 - C. Comet
 - D. Asteroid

5. Choose the group of letters which is different from others.
- A. JMPS
 - B. CFIL
 - C. PSVX
 - D. ORUX
6. Who wrote “New Lamp For The Old”?
- A. Aurobindo Ghosh
 - B. Surendranath
 - C. Motilal Gosh
 - D. None of the above
7. Which of the following is the fluid part of the blood?
- A. RBC
 - B. Blood platelets
 - C. Plasma
 - D. WBC
8. Which of the following is a cause of rural to urban migration in India?
- A. Unbalanced rural-urban development
 - B. High labour demand in cities
 - C. Few jobs in rural areas
 - D. All of the above

9. Which of the following are exothermic processes?

- I. Evaporation of water
- II. Dilution of an acid
- III. Reaction of water in quick lime
- IV. Sublimation of camphor (crystals)

- A. I & II
- B. I & IV
- C. II & III
- D. III & IV

10. Munger Hilly region is a part of which of the following physiographic region?

- A. South Bihar plain
- B. Someshwar hilly region
- C. Southern hilly region
- D. North Bihar Plain

11. Which of the following is equivalent to tesla?

- A. Newton per ampere metre
- B. Newton per ampere second
- C. Newton per coulomb
- D. Ampere per newton

12. Which of the following is the value of solar constant?
- A. 1.8 Kw/m^2
 - B. 1.2 Kw/m^2
 - C. 1.4 Kw/m^2
 - D. 1.6 Kw/m^2
13. Zoji-la Tunnel connects which of the following places?
- A. Srinagar and Jammu
 - B. Srinagar and Leh
 - C. Manali and Lahaul Spiti Valley
 - D. Manali and Jammu
14. Which part of alimentary canal receives bile from liver?
- A. Large Intestine
 - B. Small intestine
 - C. Oesophagus
 - D. Stomach
15. By which time governor has to return an ordinary bill to the concerned State Legislature for reconsideration?
- A. Two months
 - B. No time limit
 - C. One month
 - D. Three months

16. Malik Kafur also known as “Hazar Dinari” was bought by whom?
- A. Ghiyasuddin Tuglak
 - B. Allauddin Khilji
 - C. Nusrat Khan
 - D. More than one of the above
17. Which of the following is a technopolis?
- A. Mosco
 - B. Paris
 - C. London
 - D. Silicon Valley
18. Which of the following was the capital of Chera dynasty?
- A. Kanchipuram
 - B. Karur
 - C. Madurai
 - D. More than one of the above
19. Which two words have been added to the preamble by 42nd amendment?
- A. Secular and Socialist
 - B. Socialist and Sovereign
 - C. Republic and Secular
 - D. Democratic and Socialist

20. Which of the following drainage systems drains the lands of Bihar?
- A. Narmada
 - B. Yamuna
 - C. Mahanadi
 - D. Ghaghra
21. Who was the first to propose the model of the structure of atom?
- A. J.J. Thomson
 - B. Neils Bohr
 - C. Rutherford
 - D. E. Goldstein
22. Which of the following the chlorophyll in Photo synthesis is used for?
- A. Absorbing Light
 - B. Alu function
 - C. Breaking down water from molecules
 - D. Reduction of CO_2
23. Who was the founder of the Farzi movement?
- A. Sayyid Ahmad
 - B. Haji Shariatullah
 - C. Dudhu Miyan
 - D. None of the above

24. Ram Krishna mission was founded by?
- A. Swami Vivekanand
 - B. Vidyasagar
 - C. Sri Aurobindo
 - D. None of the above
25. When did Britishers shifted the capital to Delhi?
- A. 1913
 - B. 1912
 - C. 1911
 - D. More than one of the above
26. Which amendment to the constitution abolished the two seats that were reserved for the Anglo-Indian community?
- A. 104th
 - B. 102nd
 - C. 100th
 - D. 108th
27. Which of the following great ruler founded the “haryana Vansh” in ancient Bihar?
- A. Brihadratha
 - B. Bimbisar
 - C. Ajatashatru
 - D. More than one of the above

28. Which of the following is the first artificially prepared element?
- A. Tl
 - B. Th
 - C. Tc
 - D. Te
29. Who gave the slogan “DO OR DIE” and when?
- A. Jawahar Lal Nehru during Non-cooperation movement
 - B. Subhash Chandra Bose during Quit India Movement
 - C. Gandhi jee during Quit India Movement
 - D. More than one of the above
30. Gaurav walks 20 metres towards North. He then turns left and walks 40 metres. He again turns left and walks 20 metres. Further, he moves 20 metres after turning to the right. How far is he from his original position?
- A. 30 metres
 - B. 60 metres
 - C. 20 metres
 - D. 40 metres
31. Which of the following was not one of the features of the Government of India Act, 1935?
- A. Proposal for Federation of India.
 - B. Appraisal of the Act of 1935
 - C. Provincial Autonomy
 - D. Reconstruction of the Governor General’s Executive Council

32. Which dynasty ruled Magadh (Bihar) after Shishunag Dynasty?
- A. Sunga Vansh
 - B. Maurya Vansh
 - C. Nanda Vansh
 - D. More than one of the above
33. When did Muslim League observed "Direct Action Day"?
- A. 15 August 1947
 - B. 14 August 1947
 - C. 16 August 1946
 - D. More than one of the above
34. Who among the following Indian capitalist was not the architect of "Bombay Plan"?
- A. G. D. Birla
 - B. Sri Ram
 - C. J. R. D. Tata
 - D. Dhiru Bhai Ambani
35. If february 1996 is Wednesday, what day is March 3 1996?
- A. Monday
 - B. Saturday
 - C. Sunday
 - D. Friday

36. The Sikh pilgrimage site “TAKHT SRI HARIMANDIR JI PATNA SAHIB” which is considered as the second holiest takht is located at
- A. Gaya
 - B. Bhagalpur
 - C. Patna
 - D. More than one of the above
37. Which of the following acid is secreted in the stomach?
- A. Hydrochloric acid
 - B. Phosphoric acid
 - C. Nitric acid
 - D. Sulphuric acid
38. Which community was categorised as Schedule Cast (SC) by a 2015 Bihar government notification which was quashed in July 2024 by the Supreme Court, ruling that states can not make changes to the SC list published under Article 341 of the constitution?
- A. Dabgar
 - B. Pano
 - C. Tanti-Tantwa
 - D. Lal Begi
39. What was the chief economic foundation of the triangular commerce between India, China and England?
- A. Opium
 - B. Silk
 - C. Blackpepper
 - D. More than one of the above

40. Which of the following are the constituents of a soda acid fire extinguisher?
- A. Conc. Sulphuric acid and Sodium carbonate solution
 - B. Dil. Sulphuric acid and Sodium bicarbonate solution
 - C. Dil. Sulphuric acid and Sodium carbonate
 - D. Conc. Sulphuric acid and Aluminium sulphate
41. According to the Reserve Bank of India, what is one of the eligibility criteria for a Small Finance Bank (SFB) to transition into a universal bank?
- A. Minimum net worth of ₹ 1,000 crore
 - B. Minimum net worth of ₹ 2,000 crore
 - C. Minimum net worth of ₹ 5,00 crore
 - D. Minimum net worth of ₹ 1,500 crore
42. Under the Royal Titles Act, Queen Victoria became the empress of India in
- A. 1876
 - B. 1877
 - C. 1874
 - D. 1875
43. What is the eligibility age, after the changes made in March 2024, for senior citizen to vote by postal ballot?
- A. 90 years
 - B. 82 years
 - C. 80 years
 - D. 85 years

44. Which country became first to bring soil from the dark side of the moon in June 2024?
- A. India
 - B. France
 - C. China
 - D. USA
45. What is the name of the one month long cattle fair organised at the confluence of Ganga and Gandak rivers?
- A. Sonpur Mela
 - B. Katihar Mela
 - C. Purnia Mela
 - D. More than one of the above
46. Which component of fertilizer is used for stimulating early growth purpose?
- A. Phosphorus
 - B. Oxygen
 - C. Nitrogen
 - D. Potassium
47. When did the new province Bihar came into force during British Rule?
- A. April 1911
 - B. April 1912
 - C. March 1912
 - D. More than one of the above

48. Who among the following achieved the distinction of being the first Indian mountaineer to scale Mount Everest and Mount Lhotse twice in one season?
- A. Kaamya Kaartikeyan
 - B. Premlata Agrawal
 - C. Sunil Rohilla
 - D. Satyadeep Gupta
49. Which of the following cities located along the side of river seine?
- A. Budapest
 - B. Lisbon
 - C. Belgrade
 - D. Paris
50. If $\div$ means $+$, $-$ means $\div$, $\times$ means $-$ and $+$ means $\times$, then the value of $\{(36 \times 4) - 8 \times 4\} \div \{4 + 8 \times 2 + 16 \div 1\}$ is
- A. 8
 - B. 12
 - C. 0
 - D. 10
51. In which Lok Sabha seat, one of India's particularly vulnerable tribal groups (PVTGS), Shompen Tribe, for the first time exercised their demographic right to vote in april 2024?
- A. Andman and Nicobar
 - B. Tura
 - C. Vizianagaram, Andhrapradesh
 - D. Tripura East

52. Which of the following is an iron ore?

- A. Pyrite
- B. Limonite
- C. Bauxite
- D. Cinnabar

53. Who headed the Royal Commission on Indian currency appointed in 1913?

- A. Sir W. R. Mansfield
- B. Sir Austin chamberlain
- C. J. M. Keynes
- D. James wilson

54. How many triangles are there in the figure?

- A. 12
- B. 18
- C. 10
- D. 16

55. How many times do the hands of a clock coincide in a day?

- A. 22
- B. 24
- C. 12
- D. 23

56. Which type of rock is formed from cooling and solidification of lava?

- A. Metamorphic
- B. Crystal
- C. Sedimentary
- D. Igneous

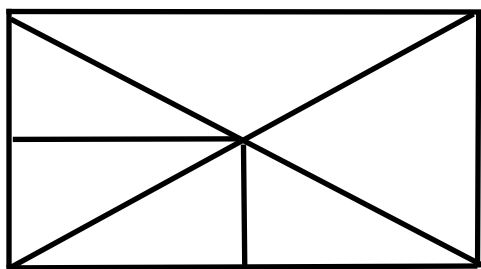
57. The metre that is used to measure the distance moved by the vehicle is known as

- A. Odometer
- B. Chronometer
- C. Speedometer
- D. Ameter

58. After remaining neutral for almost 200 years, which one of the following countries

officially

- A. Finland
- B. Iceland
- C. North
- D. Sweden



joined the NATO in march 2024?

Macedonia

59. Heat transfer that does not require a medium is called

- A. Convection
- B. Conduction
- C. Reflection
- D. Radiation

60. Following are the mountain ranges of India

1. Garo Hills
2. Nandadevi
3. Kame
4. K²

Which of the following is their correct sequence from East to West?

- A. 1 2 3 4
- B. 2 1 4 3
- C. 4 3 2 1
- D. 3 4 2 1

61. What is the 14th term of the sequence 14, 10, 6, 2, ... ?

- A. - 38
- B. - 46
- C. - 34
- D. - 42

62. Which one of the following rivers is different from the others?

- A. Mahanadi
- B. Penganga
- C. Narmada
- D. Tungabhadra

63. During the Quit India Movement, parallel 'National Government' was established at many places. Which of the following is not correctly matched?
- A. Jatiya Sarkar - Tamluk (Bengal)
 - B. Praja Mandal - Jalchar (Orissa)
 - C. Prati Sarkar - Satara (Maharashtra)
 - D. Raiyati Sarkar - Kheda (Gujrat)
64. In which organisms does spore formation occur as a mode of reproduction?
- A. Fern
 - B. Yeast
 - C. Algae
 - D. Fungi
65. The Andes extends along which of the following?
- A. West Coast of South America
 - B. East Coast of Australia
 - C. West Coast of North America
 - D. West Coast of India
66. Which of the following is the full form of PCRA?
- A. Public Council of Research Association
 - B. Petroleum Conservation Research Association
 - C. Public Conservation Research Association
 - D. Partial Counting of Remaining Amendment

67. Among the following who has been Speaker of Lok Sabha prior to his election as president of India?
- A. A.P.J. Abdul Kalam
 - B. Neelam Sanjiva Reddy
 - C. V. V. Giri
 - D. Giani Jail Singh
68. Who was the president of the Indian National Congress at Patna Session held in 1912?
- A. R.N. Madhukar
 - B. Saiyad Hassan Imam
 - C. Sir S.P. Sinha
 - D. Saiyed Mohammad Bahadur
69. Which of the following human races inhabitates in China, Mangolia and Japan?
- A. Normadic
 - B. Mangoloid
 - C. Negro
 - D. Australoid
70. Size of Council of Ministers has been restricted to 15 percent of membership of Loksabha by which Constitutional Amendment?
- A. 93rd Amendment
 - B. 91st Amendment
 - C. 95th Amendment
 - D. 92nd Amendment

71. What is the object of “Cut Motion” in Parliament?
- A. To restrict grants of the government
 - B. To restrict grants from the consolidated fund of India
 - C. To restrict day-to-day financial expenditure of the government
 - D. To move a proposal to reduce expenditure in the budget proposal
72. Which of the following port is an artificial port?
- A. Chennai
 - B. Kochi
 - C. Mumbai
 - D. Marmagaon
73. Which of the following is the resistance of wire?
- A. $R = I/V$
 - B. $R = V/I$
 - C. $R = I/2V$
 - D. $R = IV$
74. Indian National Flag was adopted by the Constituent Assembly on which date?
- A. 22 July 1947
 - B. 26 January 1950
 - C. 24 January 1950
 - D. 26 November 1950

75. Which of the following statements are not correct regarding the Non-Cooperation Movement in the towns?

1. Only the upper cast and the rich took part in the movement
2. The council elections were boycotted even by the Justice Party of Madras
3. Thousands of students left government controlled schools, headmasters and teachers resigned and lawyers gave up their practice.

A. 1 & 3 only

B. 2 & 3 only

C. 1 & 2 only

C. More than one of the above

76. Who was the founder of All India Harijan Sangh in 1932?

A. Jagjivan Ram

B. Raj Kumar Shukla

C. Sri Krishna Singh

D. More than one of the above

77. On February 20, 1947, Prime Minister Attlee announced the British Government's decision to withdraw from India latest by

A. August 1947

B. January 1948

C. June 1948

D. None of the above

78. Who established Swaraj Dal in Bihar?

- A. Shri Krishna Singh
- B. Ramlal Shah
- C. Bankim Chandra Mitra
- D. More than one of the above

79. Who led cultivators in Bihar during the Non-Cooperation Movement?

- A. Swami Vidyanand
- B. Raj Kumar Shukla
- C. Shri Krishna Singh
- D. More than one of the above

80. During the Salt Satyagrah in Bihar, in addition to making salt, the people chose to oppose the government by opposing which tax?

- A. Chaukidari tax
- B. Development tax
- C. Malba tax
- D. More than one of the above

81. The elected Government of Bihar formed by Shri Krishna Singh resigned in February 1938 for which reason?

- A. Partition in the freedom struggle of India
- B. For the release of political prisoners
- C. Satyagrah against the British at the call of Gandhi ji
- D. More than one of the above

82. Who saved the life of Gandhi ji in Bihar during Champaran Satyagrah?
- A. Batak Mian
 - B. Hamid Ansari
 - C. Ravindra Pathak
 - D. More than one of the above
83. The Swadeshi and Boycott were adopted as the methods of struggle for the first time during the
- A. Visit of Simon Commission to India
 - B. Partition of Bengal
 - C. Home Rule Movement
 - D. More than one of the above
84. During the freedom struggle a parallel movement landed in the Indian states (in the states ruled by Indian rulers such as Kashmir, Nizam's Hyderabad, Travancore, etc.) was
- A. State People's Movement
 - B. Praja Mandal Movement
 - C. Swaraj Movement
 - D. More than one of the above
85. At the Calcutta Session of the Indian National Congress (INC) held in 1906, the flag of Swaraj for India was unfurled by
- A. A.O. Hume
 - B. Dadabhai Naroji
 - C. G.K. Gokhale
 - D. None of the above

86. Which of the following statements regarding the Indian freedom struggle is not correct?

- A. Gandhi ji withdrew from the Non-Cooperation Movement due to the Chauri-Chaura incident
- B. Gandhi ji gave his first major public speech at Banaras Hindu University
- C. Mahatma Gandhi was arrested in the year 1921
- D. More than one of the above

87. In which of the following battles, are the main opponents not correctly stated?

- A. First Battle of Panipat - Babur and Ibrahim Lodi
- B. Second Battle of Panipat - Tipu Sultan and Marathas
- C. Battle of Haldighati - Maharana Pratap and Akbar
- D. More than one of the above

88. During the Delhi Sultanat, the designation 'Muqaddam or Chaudhari' was used for

- A. Revenue officials
- B. Village accountants
- C. Village headman
- D. None of the above

89. Tabaqat-i-Akbari, which has been sometimes considered more reliable than Abul Fazal's Akbarnama, was written by

- A. Nizamuddin Ahmed
- B. Abdul Hamid Lahiri
- C. Gulbadan Begum
- D. More than one of the above

90. In 1940, Patna Women's College was founded by which of the following societies?
- A. Society of Jesus
 - B. Irish Christian Brothers
 - C. Sisters of the Apostolic Carmel
 - D. More than one of the above
91. Who among the following headed the two Boundary Commissions setup to delineate the international frontiers between India and Pakistan in 1947?
- A. A.P. Mohan
 - B. A.V. Alexander
 - C. Cyril Redcliffe
 - D. None of the above
92. In 1940, Vinoba Bhave started individual satyagrah from
- A. Nadiad in Kheda district, Gujrat
 - B. Pinar, Maharashtra
 - C. Punnapra-Vayalar, Keral
 - D. None of the above
93. The Cabinet Mission was sent to India for which of the following purpose(s)?
- 1. To establish a national government
 - 2. To work out a constitutional arrangement for the transfer of power
 - 3. To workout the details of Jinnah's demand for Pakistan
- A. 1 only
 - B. 2 only
 - C. 3 only

D. More than one of the above

94. The Vikramshila University was established by

A. Dharampala

B. Devapala

C. Gopal

D. More than one of the above

95. Who was the author of Mahatma Gandhi and Bihar, Some Reminiscences?

A. J.P. Narayan

B. Karpuri Thakur

C. Dr. Rajendra Prasad

D. None of the above

96. Which is the oldest church in Bihar?

A. Luke's Church

B. Stephen's Church

C. Padri ki Haveli

D. None of the above

97. In ancient's times, the area to the South of Ganga was known as

A. Takshashila

B. Chola

C. Anarta

D. None of the Above

98. When did the use of iron begin in Indian subcontinent?
- A. About 12000 years ago
 - B. Around 6000 years ago
 - C. Around 9000 years ago
 - D. None of the above
99. According to the rock inscription in sanskrit, composed around second century CE, Sudarshan Lake, an artificial reservoir, was repaired by?
- A. Kanishka
 - B. Rudradaman
 - C. Harsha
 - D. More than one of the above
100. The temple of Deogarh near Jhansi and the sculptures in the temple of Garwah near Allahabad are the important remains of the
- A. Gupta Arts
 - B. Rashtrakut Arts
 - C. Maurya Arts
 - D. More than one of the above
101. Which of the following committees submitted a report on gas pricing, recommending complete pricing freedom from Jan. 1 2026?
- A. Arun Goel Committee
 - B. Kirit Parikh Committee
 - C. P.K. Mohanty Committee
 - D. More than one of the above

102. The first greenfield airport of India 'Donyi Polo Airport' is based in which of the following locations?
- A. Dholka
 - B. Itanagar
 - C. Dibrugarh
 - D. None of the above
103. Which month of the year is celebrated as Rashtriya Poshan Mah or National Nutrition Month under the Poshan Abhiyan of the Government of India?
- A. May
 - B. September
 - C. July
 - D. None of the above
104. In the end of its mountainous journey at attock, the Indus river is joined by which river from Afghanistan?
- A. Amu Dariya
 - B. Kabul River
 - C. Helmand River
 - D. More than one of the above

105. Which one of the following is the well publicised wildlife campaign in the world launched in 1973?
- A. Project Tiger
 - B. Lion Project
 - C. Sundarbans Project
 - D. More than one of the above
106. Which of the following statements is true about troposphere?
- A. It is the topmost layer of the atmosphere
 - B. The temperature at this layer increases with the height
 - C. Its average height is 13 kms
 - D. More than one of the above
107. The Southern continent broken from Pangea is called
- A. Laurasia
 - B. Gondwana Land
 - C. Pacific Ocean
 - D. More than one of the above
108. The Arctic region and the Antarctica continent are situated near
- A. The Sahara Desert
 - B. The North and South Poles
 - C. The Amazon Basin
 - D. None of the above

109. Which states of India have common border with Myanmar?
- A. Arunachal Pradesh, Nagaland, Manipur, Mizoram
 - B. Arunachal Pradesh, Assam, Manipur, Mizoram
 - C. Manipur, Mizoram, Nagaland, Tripura
 - D. More than one of the above
110. Which one of the following is the world's richest region from a marine biodiversity perspective, comprising 21 islands with estuaries, beaches, forests of the nearshore environment, sea grasses, coral reefs, salt marshes and mangroves?
- A. Gulf of Mannar Biosphere Reserve
 - B. Nanda Devi Biosphere Reserve
 - C. Sundarbans Biosphere Reserve
 - D. More than one of the above
111. In which type of climatic region do Uttarapradesh and Bihar fall as per koppen's classification Scheme?
- A. Cwg
 - B. Aw
 - C. Dfc
 - D. None of the above

112. India's territorial limit extends towards the sea up to how many nautical miles from the coast?
- A. 16 nautical miles
 - B. 12 nautical miles
 - C. 10 nautical miles
 - D. None of the above
113. Which of the following river valleys is rich in coal reserves in India?
- A. Damodar River Valley
 - B. Son River Valley
 - C. Mahanadi River Valley
 - D. More than one of the above
114. Towards the end of summer, there are pre-monsoon showers which are a common phenomenon in Kerala and coastal areas of Karnataka, locally they are known as
- A. Blossom Showers
 - B. Norwesters
 - C. Mango Showers
 - D. None of the above
115. The atmosphere is mainly heated by the
- A. Short-wave solar radiation
 - B. Reflected solar radiation
 - C. Long-wave terrestrial radiation
 - D. More than one of the above

116. Which of the following statements is true about sugar industry in India?
- A. It is a weight losing Industry
 - B. Maharashtra has emerged as a leading sugar producer in the country
 - C. Uttarapradesh is the second largest producer of sugar
 - D. More than one of the above
117. Which of the following states of India borders with the maximum number of districts in Bihar?
- A. Uttarapradesh
 - B. Jharkhand
 - C. West Bengal
 - D. None of the above
118. With reference to the mineral production in Bihar, consider the following statements
1. Rohtas has the highest deposit of pyrites
 2. Limestone is found in Kaimur (Bhabhua), Munger and Rohtas districts
 3. Gold deposits are found in Jamui district
- Which of the statements given above is/are correct?
- A. 3 only
 - B. 1 and 2 only
 - C. 1 and 3 only
 - D. More than one of the above

119. Phalgu, a sacred river flowing in Bihar, is formed by the confluence of which of the following rivers?
- A. Lilajan and Son rivers
 - B. Son and Mohana Rivers
 - C. Mohana and Lilajan rivers
 - D. More than one of the above
120. In Bihar, tea gardens were established for the first time in which of the following places?
- A. Thakurganj
 - B. Bahadurganj
 - C. Supaul
 - D. More than one of the above
121. Which food industry dominates among the agro based industries in Bihar?
- A. Cereal-based industry
 - B. Pulses industry
 - C. Sugarcane industry
 - D. None of the above
122. A form of matter has no fixed shape but it has a fixed volume. An example of this form of matter is
- A. Krypton
 - B. Kerosene
 - C. Carbon steel
 - D. More than one of the above

123. Some metal oxides react with acid as well as base to produce salt and water. They are known as amphoteric oxides. The examples of amphoteric oxides are
- A. Al_2O_3 and ZnO
 - B. Al_2O_3 and CuO
 - C. CuO and ZnO
 - D. More than one of the above
124. Which gas contributes to global warming through its green house effect?
- A. Nitrus Oxide
 - B. Methane
 - C. Carbon Dioxide
 - D. More than one of the above
125. Acids react with metal carbonates to liberate _____ gas.
- A. CO_2
 - B. CO
 - C. H_2
 - D. More than one of the above
126. Which acid is described as HOOC-COOH ?
- A. Oxalic Acid
 - B. Acetic Acid
 - C. Carbonic Acid
 - D. None of the above

127. You have been provided with three test tubes. One of them contains distilled water
And the other two contain an acidic solution and a basic solution. Which of them will
turn red litmus to blue?
- A. Acid
 - B. Base
 - C. Distilled water
 - D. More than one of the above
128. The odour of acetic acid resembles that of
- A. Tomato
 - B. Kerosene
 - C. Vinegar
 - D. None of the above
129. Why does dry HCl gas not change the colour of dry litmus paper?
- A. Blue litmus becomes dry in the presence of dry HCl gas
 - B. No H_3O^+ ions are present and, litmus changes colour only in the presence of H_3O^+ ions
 - C. HCl gas works as a dehydrating agent
 - D. More than one of the above
130. Detect the odd one
- A. Setting of cement
 - B. Burning of coal
 - C. Ripening of fruit
 - D. None of the above

131. Which of the following statements about diamond and graphite is true?

- A. They have same crystal structure
 - B. They have same degree of hardness
 - C. They have same electrical conductivity
 - D. More than one of the above
- or, none of the above

132. The stomata open or close due to change in the

- A. Protein composition in the cell
- B. Amount of water in cells
- C. Position of nucleus in cells
- D. More than one of the above

133. Chlorophyll absorbs _____ wavelengths of the sunlight.

- A. Green and Blue
- B. Green and Red
- C. Red and Blue
- D. More than one of the above

134. Which of the following is not a correct match?

- A. Thick, hard stem with branching near base: Tree
- B. Weak stem which can not stand upright: Creeper
- C. Petiole: Attaches leaf to stem
- D. None of the above or, more than one of the above

135. Water reaches great heights in trees because of suction pull caused by
- A. Absorption
 - B. Transpiration
 - C. Evaporation
 - D. None of the above
136. Which of the following is a character of chloroplast which makes them qualified to self replication?
- A. Presence of DNA only
 - B. Absence of RNA
 - C. Presence of both DNA and RNA
 - D. None of the above
137. The parts of the skeleton that are not as hard as bones and which can be bent are called as
- A. Carpals
 - B. Cartilage
 - C. Vertebrate
 - D. More than one of the above
138. In lichen, a chlorophyll containing partner, _____ live together.
- A. Fungus and a bacterium
 - B. Alga and a virus
 - C. Alga and a fungus
 - D. More than one of the above

139. Female Anopheles can be distinguished from female Culex because it sits
- A. At an angle with substratum
 - B. Parallel to the surface of substratum
 - C. At right angle to the surface of substratum
 - D. More than one of the above
140. The most important cell type associated with the immunity of the body is
- A. Platelets
 - B. Lymphocytes
 - C. RBCs
 - D. None of the above
141. Which of the statements is incorrect about muscles in human body?
- A. Muscles work in pairs
 - B. Muscles become shorter, thicker and stiffer when contracted
 - C. Muscles can only push the bone
 - D. None of the above
142. Large number of thin strips of black paint are made on the surface of a convex lens of focal length 20 cm to catch the image of a white horse. The image will be
- A. A zebra of black stripes
 - B. A horse of black stripes
 - C. A horse of less brightness
 - D. None of the above

143. Shrillness of the sound is determined by
- A. Amplitude of the sound
 - B. Wavelength of sound
 - C. Velocity of sound
 - D. None of the above
144. Ball bearings are used to convert static friction into
- A. Drag
 - B. Sliding friction
 - C. Rolling friction
 - D. More than one of the above
145. A goalkeeper in a game of football pulls his hands backwards after holding the ball shot at the goal. This enables the goal keeper to
- A. Exert large force on the ball
 - B. Increase the force exerted by the ball on the hands
 - C. Decrease the rate of change of momentum
 - D. More than one of the above
146. Which among the following is a positively charged particle emitted by a radioactive element?
- A. Beta ray
 - B. Alpha ray
 - C. Cathode ray
 - D. More than one of the above

147. A bus is moving along a straight path and takes a sharp turn to the right side suddenly.
The passengers sitting in the bus will
- A. Fall in the forward direction
 - B. Bent towards left side
 - C. Bent towards right side
 - D. None of the above
148. Before playing the Orchestra in a musical concert, a sitarists tries to adjust the tension
And pluck the string suitably. By doing so, he / she is adjusting
- A. Amplitude of sound
 - B. Intensity of sound
 - C. Frequency of the Sitar string with the frequency of other musical instruments.
 - D. None of the above
149. Centripetal force is responsible to
- A. Keep the body moving along the circular path
 - B. Fly the object along a straight line
 - C. Independent motion of the object in space
 - D. More than one of the above
150. Which of the following energy changes involves frictional force?
- A. Potential energy to sound energy
 - B. Chemical energy to heat energy
 - C. Kinetic energy to heat energy
 - D. More than one of the above

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