

FRI Entrance Exam

Sample Questions



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- e) Each question will be followed by four alternative answers. The candidate is required to select the one which he/she feels is correct answer. The detail instructions will be printed on the answer sheet. The candidate is advised to go through the instructions.
- f) **There will be negative marking for wrong answer to the extent of one-fourth (1/4) of the marks allotted to the questions.**
- g) No page from the test booklet is to be torn or removed. If candidate is found tearing any paper from the test booklet, he/she is liable to be punished for use of unfair means.
- h) Inner cover page of the Test Booklet or the blank space/pages at the end of the Test Booklet may be used for rough work.
- i) In case of any dispute it will be subject to jurisdiction of Dehra Dun court only.

SAMPLE WRITTEN TEST QUESTIONS

The set of questions given below will familiarize the candidates with the type of Questions in the FRI Deemed to be University Admission Test. These questions are only indicative of the nature of the test and it is possible that types of questions not illustrated here may appear in the test.

ANSWER ALL THE QUESTIONS

1. Evaporation takes place at ----- temperature/s
 - a. A fixed
 - b. Boiling
 - c. All
 - d. Melting
2. The atmospheric pressure is due to the ----- of the air acting on unit area of any surface
 - a. Mass
 - b. Weight
 - c. Volume
 - d. Area
3. The force of attraction between similar kinds of molecules is called the force of -----
 - a. Cohesion
 - b. Adhesion
 - c. Repulsion
 - d. None of the above
4. The amount of matter contained in a body is called-----
 - a. Weight
 - b. Mass
 - c. Gravity
 - d. Volume

5. Property of material which allows it to be drawn out into plane sheet is -----
 - a. Ductility
 - b. Solderability
 - c. Super conductivity
 - d. Malleability

6. ----- radiations can damage or destroy the cells of living organisms.
 - a. Solar
 - b. Nuclear
 - c. Sulphur
 - d. CO₂

7. The magnetic lines of force ----- intersects with each other.
 - a. can
 - b. never
 - c. sometimes
 - d. most of the times

8. The material which can be deformed permanently by heat and pressure is called a ----
 - a. Thermoplastic
 - b. Thermoset
 - c. Polymer
 - d. None

9. ----- converts electrical energy to mechanical energy
 - a. An electric motor
 - b. A generator
 - c. A dynamo
 - d. A transformer

10. Identify the vector quantity from the following
 - a. Heat
 - b. Angular momentum
 - c. Time
 - d. Work

11. Work done in a free expansion process is -----
 - a. Zero
 - b. Minimum
 - c. Maximum
 - d. Positive

12. The splitting of different colours of light in a prism is -----
 - a. Refraction of light
 - b. Diffraction of light
 - c. Dispersion of light
 - d. Reflection of light

13. Over the elastic range of a material, stress and strain are related to each other in a -----
- Exponential manner
 - Logarithmic manner
 - Linear manner
 - None of the above
14. The principle that all microscopic physical entities have both wave and particle properties is called the wave-particle:
- Singularity
 - Duality
 - Infinality
 - Nullility
15. Which of the following alkanes has 80% of carbon?
- Ethane
 - Methane
 - Propane
 - Butane
16. The shape of p orbital is
- Spherical
 - Dumb bell
 - Rectangular
 - Oval
17. In α - decay
- Z and A are unchanged
 - Z decreases by 4 and A decreases by 2
 - Z decreases by 2 and A decreases by 4
 - Z decreases by 4 and A decreases by 4
18. The unit of viscosity is:
- poise
 - centipoise
 - Both a and b
 - None of the above
19. The pH of boiling water is
- 7
 - >7
 - <7
 - Cannot be predicted
20. IUPAC name of succinic acid is
- 1,4-butanedioic acid
 - Butanoic acid
 - Butane-1,4-dioic acid
 - 1-Butane-4-dioic acid

21. Alkylation of nitrobenzene results into formation of
- o*-alkyl nitrobenzene
 - p*-alkyl nitrobenzene
 - o*- and *p*-alkyl nitrobenzene
 - m*-alkyl nitrobenzene
22. Heterolytic fission of a covalent bond can form
- Free radicals
 - Carbocation only
 - Carbanion ion only
 - Both carbocation and carbanion
23. If the valence shell electronic structure for an element is ns^2np^6 , this element will belong to
- Alkali metal
 - Inert metal
 - Noble gas
 - Halogen
24. Schiff base is a product of reaction of primary amine with
- Aldehyde only
 - Ketone only
 - Carbonyl compounds
 - None of the above
25. On moving top to bottom in VIIth group of periodic table, electronegativity of elements
- Increases
 - Decreases
 - First increases then decreases
 - First decreases then decreases
26. The units of a rate of a reaction are
- Mole- L⁻¹-Sec⁻¹
 - Mole- L-Sec⁻¹
 - Mole⁻ - L⁻¹-Sec
 - Mole- L-Sec
27. Which of the following is a colligative property?
- Elevation in boiling point
 - Depression in freezing point
 - Both of the above
 - None of the above
28. Blood is an example of
- Sol
 - Gel
 - Suspension
 - None of the above

29. A Shield area composed of geologically ancient rocks of diverse origin:
 a. Peninsula b. Extra-Peninsula
 c. Indo-gangetic Plain d. All the three
30. Average altitude of Lesser Himalayan Zone is:
 a. 1000m b. 2000m c. 3000m d. 4000m
31. Rate of weathering depends upon:
 a. Nature of rocks b. Climate
 c. Topography d. All the three
32. Asaphus is found in:
 a. Brachiopods b. Trilobites c. Crinoids d. Bryozoa
33. Average specific gravity of all non-metallic minerals is:
 a. 1.5 b. 2.5 c. 3.5 d. 4.5
34. Chemical composition of orthoclase:
 a. Hydrous magnesium silicate b. Potassium aluminum silicate
 c. Sodium aluminum silicate d. None of the three
35. Rocks which are formed during the solidification of magma near the earths Surface:
 a. Plutonic rocks b. Hypabyssal rocks
 c. Volcanic rocks d. All the three
36. Most faults in the Himalaya are
 a. Strike slip fault b. Thrust c. Normal fault d. Landforms
37. The most important mineral in the Garnet group is:
 a. Grossularite b. Pyrope
 c. Uvarovite d. All the three
38. When lateral pressure brings change in the rocks, this process is called:
 a Thermal metamorphism b. Dynamic metamorphism
 c. Static metamorphism d. local metamorphism
39. When temperature ranges from human body to boiling point of water, the springs are:
 a. Mineral spring b. Scarp foot spring
 c. Hot spring and Geyser d. Dip foot spring
40. Admantine is the typical luster of:
 a. Quartz b. Galena
 c. Diamond d. Topaz
41. Name the non reducing sugar from the following
 a. Glucose
 b. Fructose
 c. Mannose
 d. Sucrose

42. Osmosis is the diffusion of
 a. Water
 b. Solute particle
 c. Gas
 d. Energy
43. Which of the following organisms does not obey the 'Cell Theory'?
 a. Virus b. Bacteria c. Fungi d. Plants
44. Plants that grow in saline water are known as?
 a. Hrdrophytes b. Thallophtyes c. Halophytes d. Mesophytes
45. Which of the following impart yellow colour to urine in humans?
 a. Cholesterol b. Urea c. Bile salts d. Urochrome
46. Fruits after ripping become soft. It is due to?
 a. Dissolution of tannins in sap
 b. Dissolution of middle lamella
 c. Formation of ethylene gas
 d. Formation of auxins
47. Vessels are present in all plants except
 a. Pinus b. Rose c. Gnetum d. Gingko
48. Which of the following are the examples of phloem fibres
 a. Jute b. Hemp c. Flax d. All the above
49. Which of the following is micronutrient of the plant
 a. Manganese b. Phosphorus c. Calcium d. Magnesium
50. Yeast is unlike bacteria in being
 a. Unicellular b. Multicellular c. Prokaryotic d. Eukaryotic
51. Fungi usually store the reserve food material in the form of
 a. Starch b. Lipid c. Glycogen d. Protein
52. What is the correct descending sequence of taxonomic categories?
 a. Division-Class-Order-Family-Tribe-Genus
 b. Class-Order-Division-Family-Species-Tribe
 c. Tribe-Genus-Class-Division-Family-Order
 d. Family-Order-Genus-Tribe-Division-Class
53. First transgenic crop is
 a. Tobacco b. Wheat c. tomato d. Maize
54. The error degree of freedom for a RBD design with 10 treatments and 4 replications is
 a. 20 b. 27 c. 40 d. 36

55. Growth of plant towards light is called?
 a. Phototropism b. Photorespiration c. Photocromatism d. Photoperiodism
56. The C: N ratio of humus is
 a. 20: 1 b. 100: 1 c. 10: 1 d. 400:1
57. Plants absorb phosphorus in the form of
 a. H_2PO_4 b. PO_4 c. SSP d. P
58. Principle of Experimental design is given by
 a. R A Fisher b. Wilcox c. Cox and Cochran d. WG Cochran
59. Which one of the plant is the C4 plant?
 a. Maize b. Potato c. Pea d. Papaya
60. Which one of the following element is a constituent of protoplasm?
 a. Sulphur b. Calcium c. Iron d. Potassium
61. Which one of the following element is mobile in plants but immobile in soil?
 a. Sulphur b. Zinc c. Boron d. Phosphorus
62. Khaira disease in rice is due to the deficiency of
 a. Boron b. Mn c. S d. Zn
63. The number of Agro-climatic zones of India is
 a. 17 b. 7 c. 15 d. 10
64. Norin - dwarf gene was introduced in which cereal?
 a. Wheat b. Oat c. Rice d. Maize
65. The centre of origin of *Triticum aestivum* is
 a. Chilean centre
 b. South Mexican centre
 c. Mediterranean centre
 d. Near eastern region
66. Which part of the plant cell is known as power house?
 a. Golgi bodies b. Ribosomes c. Mitochondria d. Lysosomes
67. According to the mode of regeneration, silviculture systems are classified in to:
 a. High forests systems b. Coppice system
 c. Both a. and b. d. None of these
68. A silviculture system in which clear felling is done in form of strips which progress successively in one time is known as
 a. Clear strip system b. Alternate strip system
 c. Both a. and b. d. None of these

69. Shelterwood-strip system evolved from
 a. Uniform system
 b. Group system
 c. Clear felling system
 d. Irregular shelterwood system
70. Flowering season of *Alnus nepalensis* is
 a. October – December
 b. July to September
 c. January - March
 d. September to November
71. *Shorea robusta* is a
 a. Shade loving
 b. Light demanding
 c. Shade bearing
 d. Shade tolerant
72. *Populus deltoides* sheds its leaves in the month of
 a. January – February
 b. September – October
 c. February – March
 d. November – December
73. Flowering in *Tectona grandis* occurs from:
 a. June to September
 b. August to November
 c. July to October
 d. May to August
74. *Eucalyptus* species is native of
 a. Canada
 b. the USA
 c. Australia
 d. Mexico
75. *Pinus roxburghii* is aneedle pine.
 a. three
 b. five
 c. six
 d. seven
76. *Casuarina equisetifolia*
 a. Western Himalaya
 b. North east India
 c. central India
 d. Coastal regions
77. Most important tree for plywood industry in India is
 a. *Eucalyptus* hybrid
 b. *Populus deltoides*
 c. *Eucalyptus teretecornis*
 d. *Casurina equisatefolia*
78. Major forest types in India are
 a. twelve
 b. thirteen
 c. sixteen
 d. eighteen
79. Kathha or Cutch dye obtained from
 a. *Acacia nilotica*
 b. *Acacia catechu*
 c. *Acacia tortolis*
 d. *Acacia mearensii*
80. Lac or Lakh is an important non timber forest product obtained from
 a. an insect
 b. plant root extract
 c. plant bark
 d. fungus
81. When was *Jawahar Rojgaar Youjna* was launched
 a. 1989
 b. 1991
 c. 1993
 d. 1995

82. FDI refers to
- Fixed Deposit Interest
 - Foreign Deposit Investment
 - Foreign Direct Investment
 - Future Demonetization Initiatives
83. In India gold mines are located in
- Kolar
 - Dhanbad
 - Raniganj
 - All of the above
84. What was 10th five year plan period
- 2002-2007
 - 2007-2012
 - 1997-2002
 - 1999-2003
85. Main source of income in India is
- Service sector
 - Agricultural sector
 - Industrial sector
 - Educational sector
86. Which is the highest National Award
- Padma Vibhushan
 - Padma Shri
 - Bharat Ratna
 - Ashok Chakra
87. The 79th amendment of Indian constitution was related to
- Reservation of SC and ST in Lok Sabha and State Assembly
 - Laying strong foundation for the Panchayati Raj institutions in the country
 - Administration of the Union Territories
 - Formation of Interstate Councils
88. Method of constitutional amendment is provided in the Article
- 348
 - 358
 - 378
 - 368
89. First general election was held in
- 1948
 - 1951
 - 1953
 - None of the above

90. First Finance Commission was constituted in
- 1950
 - 1951
 - 1952
 - 1953
91. First Municipal Corporation was set up in
- New Delhi
 - Madras
 - Bombay
 - Calcutta
92. Executive head of the state Government is
- Governor
 - Chief Minister
 - Prime Minister
 - President
93. The system of judicial review exist in
- India and UK
 - UK and USA
 - India and USA
 - UK and Australia
94. Name of 16 digit identification number for each individual is
- UID
 - Aadhar
 - Both the above
 - None of the above
95. In which year state of Jharkhand was formed
- 1999
 - 2000
 - 2001
 - 2002
96. Sikkim was made integral part of India under
- 36th Amendment
 - 38th Amendment
 - 32nd Amendment
 - 30th Amendment
97. Who was Tagore of Punjab
- Puran Singh
 - Amrita Pritam
 - Kartar Singh Duggal
 - None of the above

98. Who gave the slogan 'Jai Hind'
- Mahatma Gandhi
 - Subhash Chandra Bose
 - Jawahar Lal Nehru
 - Sardar Vallabhbhai Patel
99. Which Party was founded by Subhash Chandra Bose
- Indian Freedom Party
 - Azad Hind Fauj
 - Forward Block
 - Hind Army
100. Who started news paper Bande Mataram
- Bipin Chandra Pal
 - Rabindra Nath Tagore
 - Devendra Nath Tagore
 - Surendra Nath Bannerjee
101. The difference between the place value and face value of 6 in 856973 is
- 984
 - 8563
 - 5994
 - 3765
102. The unit digit in $(7^{95} - 3^{58})$ is
- 4
 - 6
 - 0
 - 8
103. The least number which should be added to 24978 so that the sum is exactly divisible by 5,6,4 and 3 is
- 13
 - 23
 - 62
 - 3
104. Six bells commence tolling together and toll at intervals of 2,4,6,8,10 and 12 seconds respectively. In 30 minutes, how many times do they toll together?
- 16
 - 12
 - 8
 - 4
105. 0.232323..... when converted into a fraction is
- 15/40
 - 23/99
 - 23/100
 - 15/17

106. The value of 0.002×0.5 is
- 0.01
 - 0.001
 - 0.1
 - 0.0001
107. A sum of Rs. 312 was divided among 100 boys and girls in such a way that each girl gets Rs. 3.60 and each boy gets Rs. 2.40. The number of boys is
- 40
 - 30
 - 20
 - 50
108. Ajay and Vijay distribute Rs. 100 each in charity. Ajay distributes money to 5 more people than Vijay and Vijay gives Rs. 1 more than Ajay. How many people receive the charity?
- 65
 - 55
 - 45
 - 30
109. The number when divided by $\sqrt{0.25}$ gives the result as 25 is
- 25
 - 0.25
 - 12.5
 - 50
110. The cube root of 0.000216 is
- 0.06
 - 0.6
 - 0.24
 - 0.006
111. When 15 is subtracted from 7 times a number, the result is 10 more than twice the number. The number is
- 7
 - 9
 - 11
 - 5
112. 50 is divided into two parts such that the sum of their reciprocals is $1/12$. The two parts are
- 35 and 15
 - 30 and 20
 - 10 and 40
 - 25 and 25
113. A batsman makes a score of 87 runs in the 17th inning and results in increasing his average by 3. The average after 17th Inning is
- 39
 - 33
 - 37
 - 49

114. The product of two fractions is $\frac{14}{15}$ and their quotient is $\frac{35}{24}$. The greater fraction is
- $\frac{7}{4}$
 - $\frac{7}{3}$
 - $\frac{9}{7}$
 - $\frac{7}{6}$
115. A two-digit number is such that the product of the digits is 8. When 18 is added to the number, the digits are reversed. The number is
- 18
 - 42
 - 24
 - 81
116. The value of $(27)^{2/3}$ is
- 8
 - 9
 - 6
 - 3
117. If $\sqrt{2^n} = 64$, n is
- 12
 - 8
 - 4
 - 16
118. In expressing a length 81.472 km as nearly as possible with three significant digits, the percentage of error is
- 0.028%
 - 0.016%
 - 0.020%
 - 0.034%
119. If the numerator of a fraction be increased by 15% and its denominator decreased by 8%, the value of fraction is $\frac{15}{16}$. The original fraction is
- $\frac{2}{3}$
 - $\frac{3}{4}$
 - $\frac{4}{5}$
 - $\frac{3}{5}$
120. A shopkeeper sells an article at a loss of 20%. If the selling price had been increased by Rs. 100, there would have been a gain of 5%. The cost price of the article was
- 300
 - 200
 - 100
 - 400

121. Present ages of Kiran and Syam are in the ratio of 5:4 respectively. Three years hence, the ratio of their ages will become 11:9 respectively. What is Syam's present age in years?
- 24
 - 22
 - 18
 - 29
122. A rectangular parking space is marked out by painting three of its sides. If the length of the unpainted side is 9 feet, and the sum of the lengths of the painted sides is 37 feet, find out the area of the parking space in square feet?
- 120
 - 154
 - 126
 - 100
123. $4211.01 + 22.261 - ? = 2645.759$
- 1587.512
 - 1262.542
 - 1348.526
 - 1232.658
124. How much time will it take for an amount of Rs. 900 to yield Rs. 81 as interest at 4.5% per annum of simple interest?
- 4 years
 - 6 years
 - 1 year
 - 2 years
125. The square root of 16641 is
- 229
 - 199
 - 129
 - 139
126. $\sqrt{248 + \sqrt{64}}$ equals to
- 14
 - 18
 - 20
 - 16
127. What smallest number should be added to 8444 such that the sum is completely divisible by 7?
- 3
 - 4
 - 5
 - 6

128. The missing number, x , of the series 1, 8, 27, 64, 125, 216, x is
- 243
 - 453
 - 456
 - 343
129. A train of length 150 metres takes 40.5 seconds to cross a tunnel of length 300 metres. The speed of the train in kmph is
- 60
 - 50
 - 40
 - 30
130. One side of a rectangular field is 15 m and one its diagonal is 17 m. The area of the field is
- 100 m^2
 - 120 m^2
 - 140 m^2
 - 100 m^2
131. The percentage profit earned by selling an item for Rs. 1920 is equal to the percentage loss incurred by selling the same item for Rs. 1280. At what price should the item be sold to make 25% profit?
- 2000
 - 2500
 - 3000
 - 4000
132. In a km race A beat B by 28 metres or 7 seconds. A's time over the course is
- 3 min. 4 sec.
 - 4 min. 3 sec.
 - 2 min. 5 sec.
 - 5 min. 4 sec.
133. The average of five numbers is 27. If one number is excluded, the average becomes 25. The excluded number is
- 30
 - 25
 - 35
 - 20
134. The ratio 5:4 expressed as a percent equals
- 125
 - 12.5
 - 40
 - 30

135. The least number which when increased by 5 is divisible by 24, 32, 36 and 54, is
- 859
 - 429
 - 879
 - 359
136. If $1.125 \times 10^k = 0.001125$. the k is
- 1
 - 2
 - 3
 - 4
137. A hemisphere and a cone have equal bases. If their heights are also equal, the ratio of their curved surfaces will be
- 1:2
 - 1:3
 - $1:\sqrt{3}$
 - $1:\sqrt{2}$
138. In a rain shower 5 cm of rain falls. The volume of water that falls on 1.5 hectares of ground is
- 75 cu. m
 - 750 cu. m
 - 7.5 cu. m
 - 75000 cu. m
139. In what ratio must a grocer mix two varieties of tea worth Rs. 60 a kg and Rs. 65 a kg so that selling the mixture at Rs. 68.20 per kg gives him a profit of 10%?
- 2:3
 - 3:2
 - 3:4
 - 4:3
140. The fourth proportional to 4, 9, 12 is
- 27
 - 15
 - 18
 - 30
141. Which day is observed as Diabetes Day
- 14th November
 - 24th November
 - 2nd November
 - 4th November

142. Who wrote the famous book “Origin of Species by Means of Natural Selection”
- Darwin
 - Lamarck
 - Hooker
 - Wallace
143. The Prime Minister launched Swachh Bharat Abhiyan on October 2014 at
- Rashtrapathi Bhawan, New Delhi
 - Rajghat, New Delhi
 - Gandhi Nagar, Gujarat
 - Sabarmati, Ahmedabad, Gujarat
144. Ozone hole is maximum over
- Russia
 - Antarctica
 - Alaska
 - America
145. The most abundant element is
- Nitrogen
 - Iron
 - Calcium
 - Silicon
146. Hydrocarbons from Petroleum are isolated through
- Pyrolysis
 - Fractional Crystallization
 - Fractional distillation
 - Sublimation
147. Milk is
- Oil in water emulsion
 - Water in oil emulsion
 - Fat in protein emulsion
 - None of the above
148. What is speed of light in vacuum
- $8 \times 10^{13} \text{ m s}^{-1}$
 - $3 \times 10^{18} \text{ m s}^{-1}$
 - $8 \times 10^3 \text{ m s}^{-1}$
 - $3 \times 10^8 \text{ m s}^{-1}$
149. A fuse wire is made up of
- Tin and Copper Alloy
 - Tin and Lead Alloy
 - Tin and Silver Alloy
 - Tin and Aluminum Alloy

150. Which of the following is not a poor conductor of electricity
- Selenium
 - Sulphur
 - Phosphorus
 - Bromine
151. SI unit for amount of substance
- gram
 - kilogram
 - mol
 - dalton
152. Bandipur National Park is situated in
- Rajasthan
 - Madhya Pradesh
 - Karnataka
 - Chhattisgarh
153. National Institute of Design is situated in
- New Delhi
 - Hyderabad
 - Ahmedabad
 - Mumbai
154. First Five Year Plan was started in
- 1949-50
 - 1950-51
 - 1951-52
 - 1952-53
155. The national flower of India is
- Rose
 - Sunflower
 - Jasmine
 - Lotus
156. *Canis* is genus name for
- cats
 - dogs
 - pigs
 - monkey
157. Which of the following was twice winner of the Nobel Prize
- Marie Curie
 - Maria Goeppert Mayer
 - Youyou Tu
 - née Sklodowska

158. Who was awarded Padma Vibhushan award 2015
- Shri L. K. Advani
 - Shri Prakash Singh Badal
 - Shri Kottayan K. Venugopal
 - All of the above
159. Recently GBU-43/B bomb was dropped in Afghanistan. It is a
- Low Powered Nuclear Bomb (LPNB)**
 - Massive Ordnance Air Blast Bomb (MOAB)
 - None of the above
 - Both the above
160. Which country was first to make Corporate Social Responsible Act
- England
 - USA
 - Japan
 - China
161. Montreal Protocol is related to
- Global warming
 - Protection of Ozone layer
 - Green house gas emission
 - Deforestation
162. International Mother Earth Day is observed every year on
- 22 April
 - 22 May
 - 22 June
 - 22 July
163. 'Amrapali' is a name of
- Litchi variety
 - Pineapple variety
 - Mango variety
 - Basmati rice variety
164. Where XIX Commonwealth Forestry Conference was organized in India
- New Delhi
 - Uttarakhand
 - Tamil Nadu
 - Madhya Pradesh
165. Tropical Forest Research Institute is situated in
- Dehradun
 - Bangalore
 - Jabalpur
 - New Delhi

166. Who is the Minister of State for Environment, Forest and Climate Change (Independent Charge)
- Shri Prakash Javadekar
 - Shri Anil Madhav Dave
 - Smt. Sushma Swaraj
 - Smt. Maneka Sanjay Gandhi
167. Shri Yogi Adityanath is New Chief Minister of
- Uttarakhand
 - Uttar Pradesh
 - Punjab
 - Goa
168. First GM variety of cotton developed by
- Punjab Agriculture University
 - Tamil Nadu Agriculture University
 - G. B. Pant University of Agriculture and Technology
 - Indian Agriculture Research Institute
169. IFFCO and which bank provide credit cards to the farmers with overdraft facility
- State Bank of India
 - Reserve Bank of India
 - Bank of Baroda
 - ICICI Bank
170. Indian health institute winning first prize for sanitation and hygiene under the Kayakalp awards 2017
- All India Institute of Medical Sciences, New Delhi
 - Sanjay Gandhi Postgraduate Institute of Medical Sciences
 - The Christian Medical College, Vellore
 - Maulana Azad Medical College, New Delhi

171-175: Out of the four alternatives, choose the one which best expresses the meaning of the given

Word

171. Abstruse
- Exiting
 - Profound
 - Suspended
 - Recondite
172. Veracious
- Truthful
 - Gluttonous
 - Funny
 - Venturous

173. Truculent
a. Juicy
b. Aggressive
c. Violent
d. Uncivilized

174. Supercilious
a. Trivial
b. Haughty
c. Secret
d. Honest

175. recalcitrant
a. Fragrant
b. Revolutionary
c. Obstinate stubborn
d. Curative

176-180: In each of the four words given under following four choices, one word is **wrongly spelt.**

Identify the incorrect word

176.
a. DECENT
b. DESCENT
c. DISSENT
d. DESENT
177.
a. PHYSICS
b. PHYSICK
c. PHYSIQUE
d. PHYSIC
178.
a. CITE
b. SIGT
c. SIGHT
d. SITE
179.
a. AFECT
b. EFFECT
c. CASUAL
d. CAUSAL

- 180.
- a. VAIN
 - b. VEIN
 - c. VANE
 - d. VAIN

181-185: Pick out the most appropriate meaning of the following underlined phrases in each sentence out of four options –

181. You should be fare and square in your dealings

- a. Reasonable
- b. Honest
- c. Prudent
- d. Quick

182. By and by he became expert in dealing customers

- a. Gradually
- b. Very soon
- c. Without any efforts
- d. With great efforts

183. His honor is at stake

- a. Watched by everybody
- b. Disliked
- c. Respected
- d. In danger

184. The whole night he talked at random

- a) Continuously
- b) Very loudly
- c) Without any aim
- d) Honestly

185. The then Vice Chancellor was all in all at Allahabad University

- a. Supreme
- b. Holding all the administrative posts
- c. Very resourceful
- d. Helping to all

186-190: Pick out the most appropriate meaning of the following idiomatic expressions out of four options given in each case

186. To nip in the bud

- a. To pluck a flower bud
- b. To destroy at an early stage
- c. To poke a needle to a very soft thing
- d. To destroy a soft thing

187. To give the cold shoulder
- To treat coldly
 - To treat nicely
 - To treat warmly
 - None of the above
188. To do yeoman's service
- To do social work
 - To do public service
 - To do excellent work
 - To do poor work
189. To cry over spilt milk
- To spend time in useless regret
 - To cry after the event is over
 - To fight over unnecessary things
 - To cry for some loss
190. To make a figure
- To draw a sketch
 - To distinguish oneself
 - To make a statue of mud
 - To make a statue of wood

191-195: Fill in the blank with appropriate preposition

191. Come what may adhere to -----my principles
- With
 - To
 - On
 - Upon
192. Sincere people always abide _____ their friends in all circumstances
- With
 - In
 - By
 - Up
193. They sailed _____ the river.
- In
 - On
 - Down
 - Against
194. Everyone of us will have to atone -----his or her misdeeds.
- Of
 - About
 - With
 - For

195. I waited _____ him for four hours but he did not turn up.
- a. By
 - b. Upon
 - c. For
 - d. Seeing

196-200: Chose the most correct answer from the given choices based on the contents of the passage only-

The memory can be improved. It can be improved vastly and by anyone with normal intelligence. Moreover, the methods by which it can be cultivated are all based on practical common sense. Every experience in life makes an impression through one or more of the senses on the brain or other nerve centers. The problem of memory improvement is to emphasize these impressions and to file them away in such an orderly manner that many will remain intact and stay put. The clearer and neater your mental storehouse, the easier it will be to remember.

196. Memory is something which is
- a. Hereditary
 - b. Rare
 - c. Natural
 - d. Can be improved
197. Every experience in life makes an impression on
- a. The senses
 - b. The brain
 - c. The spinal chord
 - d. Both the brain and the spinal chord
198. Mental clarity and neatness
- a. Improve memory
 - b. Have no effect on memory
 - c. Are impossible to attain
 - d. Result in confusion
199. Memory is best cultivated by methods based on
- a. Magic
 - b. Practical common sense
 - c. Practice
 - d. Hypnotism
200. Improvement in memory can be done
- a. By doing regular exercise
 - b. By writing in a piece of paper and then reading it regularly
 - c. By remembering the events again and again
 - d. By keeping the impressions experienced by senses in orderly manner in mind