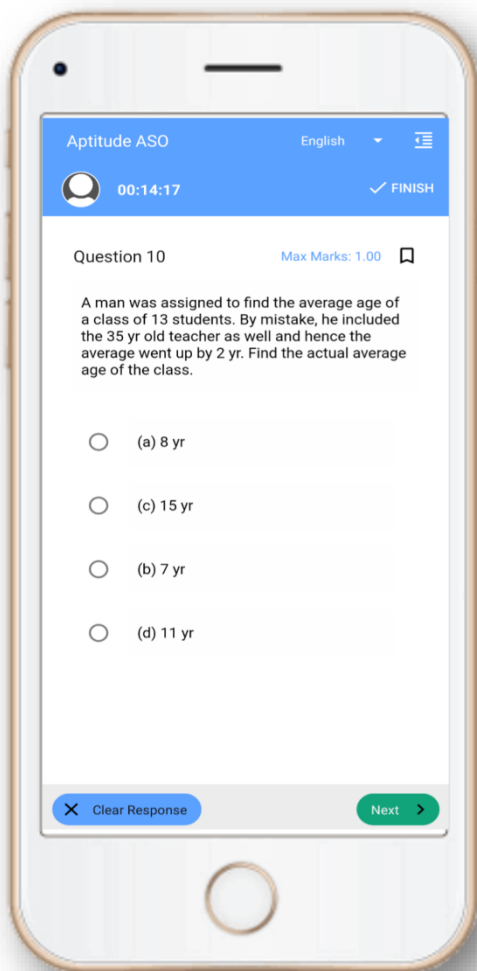


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B - SECTION - III

SCIENCE (CBZ)

ZOOLOGY

81. Body tissues obtain O_2 due to dissociation of oxyhaemoglobin under :
- (A) Low O_2 conc.
 - (B) High CO_2 conc.
 - (C) Low CO_2 conc.
 - (D) Low O_2 and high CO_2 conc.
82. Which one of the following is correct for aerobic respiration ?
- (A) Occurs in the absence of O_2
 - (B) Ethanol and lactic acids are produced
 - (C) Releases less energy
 - (D) The end products are CO_2 , H_2O and energy
83. The lymphocytes responsible for cell mediated response of body are :
- (A) Neutrophils
 - (B) B-Lymphocytes
 - (C) T-Lymphocytes
 - (D) Monocytes
84. The heart sound "dupp" is produced when :
- (A) Tricuspid valve is opened
 - (B) Mitral valve is opened
 - (C) Mitral valve is closed
 - (D) Semilunar valves are closed
85. Podocytes are the cells which are present on :
- (A) Neck of nephron
 - (B) Wall of Bowman's capsule
 - (C) Outer wall of loop of Henle
 - (D) Wall of vasa recta
86. The anucleated unicellular organisms of R. H. Whittaker's (1969) classification are included in the kingdom :
- (A) Protista
 - (B) Animalia
 - (C) Monera
 - (D) Plantae

87. Which of the following does occur exclusively in meiosis ?
- (A) Pairing of homologous chromosomes
 - (B) Separation of duplicated strand
 - (C) Cytokinesis
 - (D) Disappearance of nucleolus
88. All of the following are pyrimidine bases in the nucleotides *except* :
- (A) Cytosine
 - (B) Thymine
 - (C) Adenine
 - (D) Uracil
89. Who postulated the chromosomal theory of sex determination ?
- (A) Bridges
 - (B) Goldschmidt
 - (C) Murray Barr
 - (D) Carl Correns
90. In which type of chromosomal aberration one arm of chromosome without centromere does undergo 180° rotation ?
- (A) Paracentric inversion
 - (B) Pericentric inversion
 - (C) Terminal deletion
 - (D) Intercalary deletion
91. Ornithine cycle is concerned with the biosynthesis of :
- (A) Glucose
 - (B) Urine
 - (C) Vitamin A
 - (D) Urea
92. Part of the brain regulating temperature of body is :
- (A) Hypothalamus
 - (B) Pituitary
 - (C) Medulla
 - (D) Cerebellum

93. Glucagon is secreted by :
- (A) Acinar cells of Pancreas
 - (B) Beta cells of islets of Langerhans
 - (C) Adrenal cortex
 - (D) Alpha cells of islets of Langerhans
94. The fluid-filled space within the human Graafian follicle is called **Techofworld.In**
- (A) Corpus luteum
 - (B) Corpus albicans
 - (C) Antrum
 - (D) Germ hill
95. The fusion of pronuclei of sperm and ovum is known as :
- (A) Fertilization
 - (B) Amphimixis
 - (C) Hemixis
 - (D) Endomixis
96. Darwin's finches were found in :
- (A) Galapagos islands
 - (B) Australia
 - (C) Africa **Techofworld.In**
 - (D) Siberia
97. Lederberg replica experiment explains :
- (A) Lamarck's theory
 - (B) Mutation theory
 - (C) Darwin's theory
 - (D) Recapitulation theory
98. The concept of ecological pyramids was introduced by :
- (A) Tansley
 - (B) Elton
 - (C) Odum
 - (D) Haeckel
99. Acid rain is due to the increase in atmospheric concentration of :
- (A) Ozone and dust
 - (B) CO₂ and CO
 - (C) SO₃ and CO
 - (D) SO₂ and NO₂
100. The organ of abnormal function of a person passing grey white faecal matter is :
- (A) Kidney
 - (B) Liver
 - (C) Spleen
 - (D) Pancreas