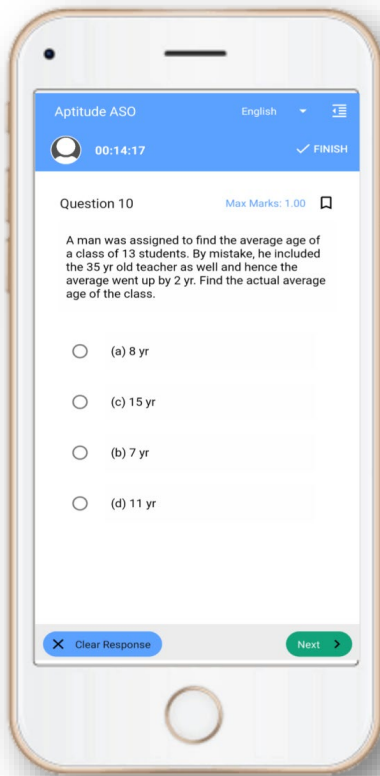


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B - SECTION - III

SCIENCE (CBZ)

ZOOLOGY

81. Which of the following does not form the basis of five kingdom classification ?
- (A) Body organization
 - (B) Cell structure
 - (C) Mode of nutrition
 - (D) Mode of excretion
82. Which sex chromosome sets are present in normal human males ?
- (A) XX
 - (B) XO
 - (C) XY
 - (D) YY
83. The process by which DNA makes a copy of itself is called :
- (A) Replication
 - (B) Transcription
 - (C) Translation
 - (D) Polymerization
84. Percentage of crossing over is more when :
- (A) Genes are linked
 - (B) Linked genes are located far away from each other
 - (C) Linked genes are located close to each other
 - (D) Linked genes are located in different cells
85. The reciprocal exchange of chromatids during meiosis is called :
- (A) Synapsis
 - (B) Crossing over
 - (C) Diakinesis
 - (D) Terminalization
86. When two populations of a species are present on two extreme ends of a forest, they are in :
- (A) Seasonal isolation
 - (B) Geographic isolation
 - (C) Ethological isolation
 - (D) Temporal isolation

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87. Iodine deficiency in diet may cause :
- (A) Goitre
 - (B) Colour blindness
 - (C) Hepatitis
 - (D) Diabetes
88. Which is the in-situ conservation method for wildlife ?
- (A) Zoo
 - (B) Aquarium
 - (C) National park
 - (D) Botanical garden
89. Which is a renewable natural energy resource ?
- (A) Biomass
 - (B) Coal
 - (C) Petroleum
 - (D) CNG
90. Which one is the most acceptable and recent theory of organic evolution ?
- (A) Lamarckism
 - (B) Darwinism
 - (C) Isolation theory
 - (D) Synthetic theory
91. The arteries which supply blood to the muscles of the heart are called :
- (A) Coronary
 - (B) Hepatic
 - (C) Pulmonary
 - (D) Renal
92. During heavy physical exercise muscles produce :
- (A) Amino acids
 - (B) Lactic acids
 - (C) Citric acids
 - (D) Acetic acids
93. In a normal adult human the difference between the systolic and diastolic pressure is :
- (A) 40 mm Hg
 - (B) 20 mm Hg
 - (C) 80 mm Hg
 - (D) 120 mm Hg
94. Which part of renal tubule is sensitive to the action of ADH ?
- (A) Distal convoluting tubules and collecting ducts
 - (B) Glomerulus and Bowman's capsule
 - (C) Glomerulus and Loop of Henle
 - (D) Loop of Henle and Ureter

95. The carbon compound that enters the Krebs Cycle is :
- (A) Citric acid
 - (B) Pyruvic acid
 - (C) Acetyl coenzyme A
 - (D) Oxaloacetic acid
96. Which part of mammalian brain does control the voluntary muscular co-ordination ?
- (A) Cerebellum
 - (B) Optic lobes
 - (C) Corpus callosum
 - (D) Pineal
97. What types of neurons are responsible for carrying stimuli in brain and spinal cord ?
- (A) Interneurons
 - (B) Motor neurons
 - (C) Sensory neurons
 - (D) Undifferentiated neurons
98. Urea biosynthesis takes place mainly in the :
- (A) Lungs
 - (B) Kidney
 - (C) Liver
 - (D) Heart
99. Antrum is the cavity of :
- (A) Morula
 - (B) Graafian follicle
 - (C) Blastula
 - (D) Gastrula
100. The first cleavage furrow that divides zygote completely into two cells is a type of :
- (A) Radial cleavage
 - (B) Meroblastic cleavage
 - (C) Holoblastic cleavage
 - (D) Equatorial cleavage