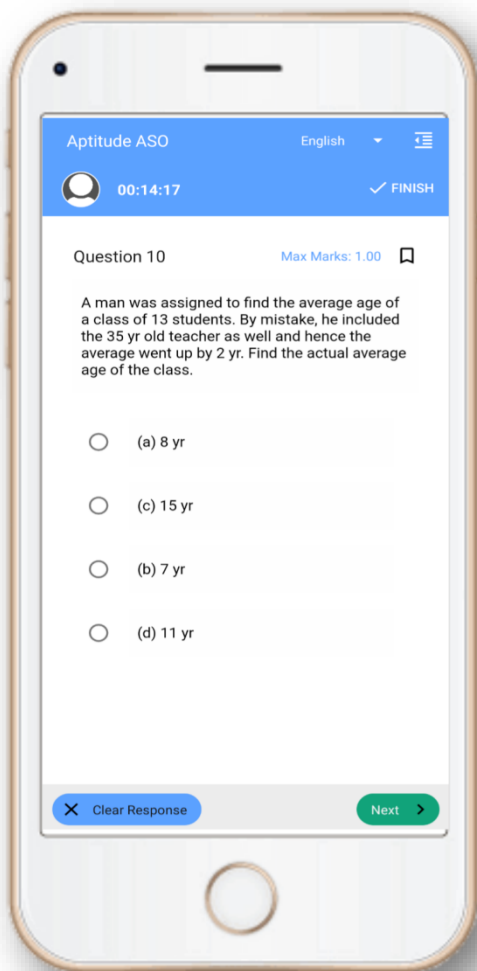


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<b>B - SECTION - III</b>
<b>SCIENCE (CBZ)</b>
<b>ZOOLOGY</b>

81. A man has taken a large amount of protein in his diet. He will excrete more of :
- (A) Urea  
(B) Uric acid  
(C) Sugar  
(D) Salts and sugar
82. When the direction of the nerve impulse is reversed, the condition is called :
- (A) Axo-axentic  
(B) Axo-dendrite  
(C) Axo-axen-dendrite  
(D) None of these
83. Arbor vitae is composed of :
- (A) Gray matter  
(B) White matter  
(C) Neuroglia cells  
(D) Pons varolii
84. Generally, fertilisation of ovum in humans takes place in :
- (A) Fallopian tube  
(B) Ovary  
(C) Cervix  
(D) Uterus
85. In an egg, the type of cleavage is determined by :
- (A) Size and location of nucleus  
(B) Shape and size of the sperm  
(C) Amount and distribution of yolk  
(D) Number of egg membranes
86. What is the basis of five kingdom system of classification suggested by R. H. Whittakar ?
- (A) Presence or absence of a well defined nucleus  
(B) Mode of reproduction  
(C) Mode of nutrition  
(D) Complexity of body organisation



87. What is called a pair of centrioles lying together ?

- (A) Polyteny
- (B) Anastral
- (C) Diosome
- (D) Amphiastral

88. Which cell organelle is enclosed by a single membrane ?

- (A) Chloroplast
- (B) Lysosome
- (C) Nucleus
- (D) Mitochondria

89. In gene mutation, adenine is replaced by guanine, it is :

- (A) Frame shift mutation
- (B) Transcription
- (C) Transition
- (D) Transversion

90. Foetal sex can be determined by examining cells from amniotic fluid looking for :

- (A) Kinetochore

(B) Chiasmata

(C) Chromosomes

(D) Barr bodies

91. The phenomenon of "Industrial Melanism" demonstrates :

- (A) Natural Selection
- (B) Induced Mutation
- (C) Reproductive Isolation
- (D) Geographical Isolation

92. Who proposed the mutation theory explaining organic evolution ?

- (A) Louis Pasteur
- (B) Hugo de Vries
- (C) E. Darwin
- (D) W. Harrey

93. Who gave the 10% law for energy transfer in food chains ?

- (A) Stanley
- (B) Tansley
- (C) Lindemann
- (D) Weismann



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94. Which is the ex-situ conservation method for endangered species ?
- (A) Wildlife Sanctuaries  
(B) Biosphere Reserves  
(C) Cryopreservation  
(D) National Parks
95. A person who is on a long hunger strike and is surviving only on water, will have :
- (A) Less amino acid in his urine  
(B) More glucose in his blood  
(C) Less urea in his urine  
(D) More sodium in his urine
96. What is the location of the respiratory centre, which regulates respiration ?
- (A) Medulla Oblongata  
(B) Cerebral Peduncle  
(C) Vagus Nerve  
(D) Cerebellum
97. In anaerobic respiration :
- (A)  $O_2$  is taken in  
(B)  $CO_2$  is taken in  
(C)  $O_2$  is given out  
(D)  $CO_2$  is given out
98. Which of the following has the thickest walls ?
- (A) Right ventricle  
(B) Left ventricle  
(C) Right auricle  
(D) Left auricle
99. All arteries carry oxygenated blood except :
- (A) Hepatic  
(B) Systemic  
(C) Cardiac  
(D) Pulmonary
100. Human kidneys serve to excrete :
- (A) Excess water, urea and amino acids  
(B) Excess salts, urea and excess water  
(C) Excess salts, excess water and excess amino acids  
(D) Excess salts, urea and fatty acids