

B - SECTION - III
SCIENCE (CBZ)
ZOOLOGY

81. Which stage of mitosis is regarded as the phase of reconstruction and reorganization of nucleus ?
- (A) Prophase
(B) Metaphase
(C) Anaphase
(D) Telophase
82. In which type of linkage, chromosomes do not undergo any breakage during gametogenesis and no independent assortment occurs between the pairs of genes ?
- (A) Sex-linkage
(B) Inter-chromosomal linkage
(C) Incomplete linkage
(D) Complete linkage
83. Where are the t-RNAs transcribed in the eukaryotes ?
- (A) Ribosome
(B) Nucleolus
(C) ER
(D) Golgi body
84. To which class does Protopterus belong ?
- (A) Aves
(B) Reptilia
(C) Amphibia
(D) Pisces
85. In humans the chromosomal composition of zygote destined to form a female is :
- (A) 22 + X
(B) 22 + Y
(C) 44 + XX
(D) 44 + XY
86. The walls and roof of a greenhouse out-door laboratory is made up of :
- (A) Asbestos
(B) GI sheet
(C) Glass
(D) Green grass

87. The phenomenon of industrial melanism was first observed in :
- (A) USA
 - (B) United Kingdom
 - (C) Kenya
 - (D) Italy
88. Which one was responsible for Bhopal gas tragedy ?
- (A) Methane
 - (B) Methyl carbide
 - (C) Methyl isocyanate
 - (D) Melathion
89. Which type of nutrition is seen in the animals who feed on their own faecal matter ?
- (A) Coprozoic
 - (B) Mesotrophic
 - (C) Osmotrophic
 - (D) Saprozoic
90. Which one is not a factor for formation of new species according to modern synthetic theory of evolution ?
- (A) Isolation
 - (B) Sexual selection
 - (C) Variation
 - (D) Natural selection
91. Which of the following statement, is true ?
- (A) All veins carry deoxygenated blood
 - (B) All arteries carry oxygenated blood
 - (C) All veins except one carry oxygenated blood
 - (D) All arteries except one carry oxygenated blood
92. Which physiological process does occur inside the cytoplasm of a cell ?
- (A) Krebs Cycle
 - (B) Electron Transport
 - (C) Citric acid Cycle
 - (D) Glycolysis

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93. In man, aerobic respiration is completed in :
- (A) Nucleus
 - (B) Mitochondria
 - (C) Nucleolus
 - (D) Dictyosome
94. The pressure build up at the glomerular capillary network is called :
- (A) Intrarenal pressure
 - (B) Hydrostatic pressure
 - (C) Osmotic pressure
 - (D) Interstitial pressure
95. The SA node is located in the :
- (A) Right atrium
 - (B) Right ventricle
 - (C) Left atrium
 - (D) Left ventricle
96. Which hormone is called 'love hormone' ?
- (A) Oxytocin
 - (B) Vasopressin
 - (C) Testosterone
 - (D) Melatonin
97. Ammonia is converted to urea through which cycle ?
- (A) Citric acid Cycle
 - (B) Cardiac Cycle
 - (C) Ornithine Cycle
 - (D) Sodium Co-transport
98. Which one is an inhibitory neurotransmitter ?
- (A) Acetylcholine
 - (B) Histamine dopamine
 - (C) Gamma-aminobutyric acid
 - (D) Glutamate
99. Which one of the following enzymes is present in the acrosome of sperm head ?
- (A) Pepsinogen
 - (B) Trypsin
 - (C) Hyaluronidase
 - (D) Isomerase
100. An abnormal condition in man where the testes fail to descend into scrotum and is retained in the condition called :
- (A) Gubernaculum
 - (B) Cretinism
 - (C) Lorain dwarfism
 - (D) Cryptorchism

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