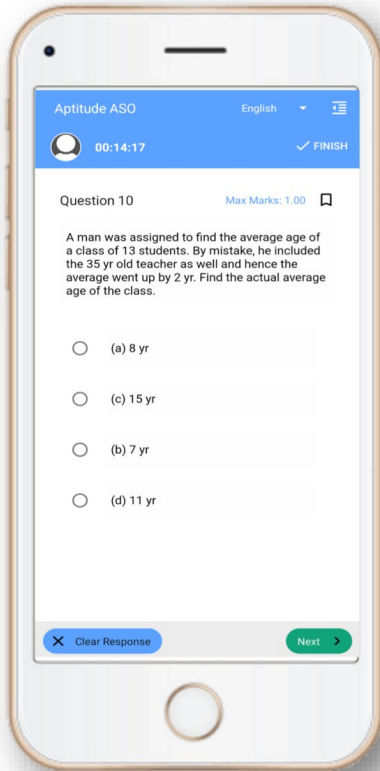


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B - SECTION - III**SCIENCE (CBZ)****BOTANY**

61. Gaseous plant growth regulator is :
- (A) Ethylene
(B) ABA
(C) IAA
(D) Kinetin
62. Auxin is not involved in :
- (A) Enhancing cell division
(B) Any callus formation
(C) Inducing dormancy
(D) Maintenance of apical dominance
63. The ovule of angiosperm is equivalent to :
- (A) Megasporangium
(B) Megaspore
(C) Megasporophyll
(D) Megaspore mother cell
64. In vegetative propagation, cuttings are mostly taken from :
- (A) Shoots of parent
(B) Roots and stems of parent
(C) Buds of parent
(D) Leaves of parent
65. Functional megaspore in an angiosperm develops into :
- (A) Endosperm
(B) Embryo
(C) Embryo sac
(D) Ovule
66. Archegonium is absent in :
- (A) Thallophyta
(B) Bryophyta
(C) Pteridophyta
(D) Gymnosperm
67. In comparison with gametophytes of bryophytes, the gametophytes of angiosperms are :
- (A) smaller and have smaller sex organs
(B) smaller but have larger sex organs
(C) larger but have smaller sex organs
(D) larger and have larger sex organs

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68. The plant group having habitat both on land and water is :
- (A) Thallophyta
 - (B) Bryophyta
 - (C) Tracheophyta
 - (D) Pteridophyta
69. The system of classification provided by Whittaker is :
- (A) Three domain classification
 - (B) Five kingdom classification
 - (C) Binomial classification
 - (D) Artificial classification
70. The size of the stem increases in width due to :
- (A) Apical meristem
 - (B) Intercalary meristem
 - (C) Lateral meristem
 - (D) Primary meristem
71. Cell having potential to produce all the differentiated cells of a plant is :
- (A) Unipotent
 - (B) Multipotent
 - (C) Pluripotent
 - (D) Totipotent
72. As per Mendelism, yellow wrinkled seeded pea plant crossed to green round seeded one yields F_1 plant with seed characters :
- (A) Yellow round
 - (B) Yellow wrinkled
 - (C) Green round
 - (D) Green wrinkled
73. In incomplete dominance 1:2:1 ratio is marked in :
- (A) Test cross
 - (B) F_1 generation
 - (C) F_2 generation
 - (D) Reciprocal cross

SET - D

74. The agent that causes disease in host by its persistent association is called :
- (A) Mycorrhiza
(B) Pathogen
(C) Symbiont
(D) Saprophyte
75. Late blight of potato is caused by :
- (A) Alternaria
(B) Pythium
(C) Phytophthora
(D) Erysiphe
76. Endodermis is always absent in :
- (A) Monocot root
(B) Dicot root
(C) Monocot stem
(D) Dicot stem
77. The food synthesizing tissue is :
- (A) Parenchyma
(B) Collenchyma
(C) Chlorenchyma
(D) Sclerenchyma
78. Hill reaction takes place in chloroplast in the :
- (A) Absence of CO_2
(B) Presence of CO_2
(C) Absence of suitable electron acceptor
(D) Presence of suitable electron acceptor
79. Stomata of CAM plants :
- (A) are always open
(B) open during the day and close at night
(C) open during the night and close at day
(D) never open
80. To form one molecule of glucose ($\text{C}_6\text{H}_{12}\text{O}_6$) in photosynthesis the number of water molecules required are :
- (A) 6
(B) 8
(C) 10
(D) 12