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OSSTET – P-I/18

SET – B

B – SECTION –III
SCIENCE (CBZ)
BOTANY

61. What is the metal ion constituent of chlorophyll ?
- (A) Iron  
(B) Copper  
(C) Magnesium  
(D) Lead
62. The correct order of flow of electrons in the light reaction is :
- (A) PS II, Plastoquinone, Cytochrome. PS I & Ferredoxin  
(B) PS I, Plastoquinone, Cytochrome, PS II & Ferredoxin  
(C) Cytochromes, PS I, Plastoquinone, PS II & Ferredoxin  
(D) PS I, Plastoquinone, Cytochromes, PS II & Ferredoxin
63. Which enzyme is not found in  $C_3$  plants ?
- (A) RUBP Carboxylase  
(B) PEP Carboxylase  
(C) NADP Reductase  
(D) ATP Synthase
64. Which are the parts of ground tissue system ?
- (A) Cuticle, stomata and epidermis  
(B) Hypodermis, general cortex and endodermis  
(C) Xylem, phloem and pith  
(D) Pericycle, pith and medullary rays
65. A piece of wood with no trachea must belong to :
- (A) Teak  
(B) Pine  
(C) Palm  
(D) Sissoo
66. Which are called vascular cryptogams ?
- (A) Bryophytes  
(B) Pteridophytes  
(C) Gymnosperms  
(D) Angiosperms

67. Who did propose Natural System of classification ?
- (A) Bentham and Hooker  
(B) Engler and Prantl  
(C) Linnaeus  
(D) Hutchinson
68. To which family do pulses belong ?
- (A) Solanaceae  
(B) Poaceae  
(C) Liliaceae  
(D) Fabaceae
69. Which is the first 'National Park' in India ?
- (A) Simlipal  
(B) Bhitarkanika  
(C) Manas  
(D) Corbett
70. Which is the equivalent term for epiblemma of roots ?
- (A) Pericycle  
(B) Cortex  
(C) Epidermis  
(D) Endodermis
71. The number of genotypes produced in  $F_2$  generation of Mendel's Mono-hybrid cross is :
- (A) 1  
(B) 2  
(C) 3  
(D) 4
72. When single gene controls more than one trait, it is called :
- (A) Pleiotropism  
(B) Multiple allelism  
(C) Polygenic  
(D) Co-dominance
73. Which was the first effective fungicide discovered ?
- (A) Burgundy mixture  
(B) Bordeaux mixture  
(C) Zineb  
(D) Maneb

74. When the life cycle of a pathogen is completed on two hosts, it is called :
- (A) Autoecious  
(B) Autotrophic  
(C) Heterotrophic  
(D) Heteroecious
75. In which process does the stock plant multiply to form large number of progenics ?
- (A) Protoplast fusion  
(B) Hybridization  
(C) Micropropagation  
(D) Conjugation
76. Which hormone does help in fruit ripening ?
- (A) Auxin  
(B) Cytokinin  
(C) Florigen  
(D) Ethylene
77. Which is the chemical name of naturally occurring auxins ?
- (A) IPA  
(B) IAA  
(C) IBA  
(D) PAC
78. A technique in which part from one plant scion is attached to root stock called :
- (A) Budding  
(B) Cutting  
(C) Layering  
(D) Grafting
79. Which pair does not show vegetative propagation in plants ?
- (A) Dahlia-fasciculated roots  
(B) Saccharomyces-budding  
(C) Bryophyllum-foliar buds  
(D) Ginger-rhizome
80. Which one does develop into fruit after fertilization ?
- (A) Ovary  
(B) Ovule  
(C) Zoospore  
(D) Pedicel