

NAT II Biological Science Botany

Sr	Questions	Answers Choice
1	----- lives for more than two growing seasons	A. Binnials B. Annuals C. Perenials D. Bicarpic
2	----- are the plants that flower only once and then die	A. Monocarpic B. Dicarpic C. Apocarpic D. holocarpic
3	In ----- stems & roots of plants increase in diameter	A. Primary growth B. Secondary growth C. Permanent growth D. Apical growth
4	In Aerobic respiration, the waste product in plants is produced in the form of	A. Uric acid B. CO ₂ C. Walter D. Ammonia E. Both b & c
5	The oxidative change of water in photo-chemical excitation occurs in a process	A. Photo-reaction B. Phosphorylation C. Photo-oxidation D. None
6	The other name of glycolysis is	A. Calvin cycle B. EMP pathway C. Light reaction D. None
7	In plants the process of respiration is also termed as;	A. Tissue respiration B. Eqidermal respiration C. Both a & b D. Cutaneous Respiration
8	----- is the process of ATP production in chloroplast is	A. Photophosphorylation B. Dark reaction C. Calvin cycle D. All
9	The process in which energy migration takes place within a group of neighbouring pigments is called	A. Reductive resonance B. Deductive resonance C. Inductive resonance D. None
10	----- are the reaction that takes place during the light phase of photosynthesis	A. Kelvin cycle B. Photo-reaction C. Hill's reaction D. All
11	The non-protein part covalently bonded to enzyme is	A. APO-enzyme B. Coenzymes C. Co-factor D. None
12	The group of enzymes that bring about non-hydrolytic addition or removal of substrate are	A. Hydrolase B. Protease C. Heptase D. Dehydrogenase
13	Translocation into developing organs, i.e. Roots, tubers and reproductive organs is called;	A. Deport B. Export C. Both a & b D. None
14	The disease in which leaves may appear twisted and finally die is	A. Bronzing B. Whiptail disease C. Whiplash disease D. None
15	When the leaves fails to produce normal amounts of chlorophyll, the disease is	A. Apoptosis B. Chlorosis C. Chlorination D. None

16	The water culture technique for growing plants with their roots in a recirculating water solution is	A. Hydroponics B. Sericulture C. Hygoculture D. Hydroculture
17	If two substances move in different directions, through the membrane, the cotransport is called;	A. Antiport B. Heteroport C. Apoplast D. None
18	A special protein that generates voltage across a membrane is called;	A. Electrochemical protein B. Electromagnetic Protein C. Electrogenic protein D. Proteogenic protein
19	Cohesion theory of ascent of sap is proposed by	A. Zimmermann B. John jolly C. Dixon D. Both a & b
20	----- is produced when phosphoenolpyruvic acid combines with CO ₂	A. Oxalic acid B. Citric Acid C. Abcissic acid D. Oxalomalic acid