

## NAT-IIB Biological Science Botany Hard Test

Sr	Questions	Answers Choice
1	While studying a community er come across three levels of organizations which include all of these except	A. Individual B. Population C. Community D. Species
2	Aggregates of closely related species	A. Infra specific species B. Variety C. Subspecies D. Genus
3	While studying the components of an ecosystem what is the biotic component in all these examples?	A. Gravity B. Topography C. Consumers D. Temperature
4	-----hormone increase tendency of plants to produce a male flower	A. Auxins B. Gibberellins C. Ethylene D. Abcissic acid
5	Cryptostegiagrandiflorais a cultivated ----- growing in gardens.	A. Herb B. Shrub C. Grass D. Climber
6	Phanerogamy includes	A. Bryophytes and pteridophytes B. Thalophytes and carmophytes C. Angiosperms and gymnosperms D. Thalophytes and pteridophytes
7	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
8	Fruit of labiateae consists of four ----- nutlets.	A. One seeded B. Two seeded C. Three seeded D. Four seeded
9	----- is produced when phosphenolpyruvic acid combines with CO <sub>2</sub>	A. Oxalic acid B. Citric Acid C. Abcissic acid D. Oxalomalic acid
10	In ecosystem an eagle may eat blue birds may eat insects, like caterpillar which feeds on green leaves this is a example of	A. Simple food chain B. Food web C. Succession D. Community relay
11	In an ecosystem Green photosynthetic plants, which capture and bring light energy into ecosystem are termed as	A. Consumers B. Decomposers C. Producers D. Parasites
12	It is a specimen chosen by later worked from original material studied by the author of the species	A. Holotype B. Syntype C. Isotype D. Lecto type
13	The principle stage of nitrogen cycle include all of the following except	A. Ammonification B. Nitrification C. Assimilation D. Nitrogen depletion
14	Calyx sometimes modified into a large number of hairs like structures	A. Pepo B. Pappus C. Ray floret D. Neuter
15	When there is a net movement of water molecules occurs towards an imbibant, the type of diffusion is	A. Potential diffusion B. Active diffusion C. Passive diffusion D. Imbibation

16	In plants the process of respiration is also termed as;	<ul style="list-style-type: none"> <li>A. Tissue respiration</li> <li>B. Epidermal respiration</li> <li>C. Both a &amp; b</li> <li>D. Cutaneous Respiration</li> </ul>
17	The anthers are two celled and pollen grains are in the form of tetrads and are found in the sac like structures	<ul style="list-style-type: none"> <li>A. Polonium</li> <li>B. Gynoestigium</li> <li>C. Corpusculum</li> <li>D. Translator</li> </ul>
18	In ----- stems & roots of plants increase in diameter	<ul style="list-style-type: none"> <li>A. Primary growth</li> <li>B. Secondary growth</li> <li>C. Permanent growth</li> <li>D. Apical growth</li> </ul>
19	When the leaves fails to produce normal amounts of chlorophyll, the disease is	<ul style="list-style-type: none"> <li>A. Apoptosis</li> <li>B. Chlorosis</li> <li>C. Chlorination</li> <li>D. Necrosis</li> </ul>
20	Niche is a broad term which refers to all these statements except which one	<ul style="list-style-type: none"> <li>A. Role a species plays in a community</li> <li>B. Job of an organism</li> <li>C. Basic role of an organism in community</li> <li>D. An organism responds to variety of environmental factors</li> </ul>