

SEM	SET	PAPER CODE	TITLE OF THE PAPER
II	2014	11UBO430208	ECOLOGY AND PHYTOGEOGRAPHY

SECTION - A**Answer all the questions:****30 × 1 = 30****Choose the correct answer:**

- David Lack is an _____.
 - Ecologist
 - Algologist
 - Taxonomist
 - Evolutionary Biologist
- Ecopath is a model to study _____.
 - Forest ecosystem
 - Marine ecosystem
 - Pond ecosystem
 - Desert ecosystem
- Individuals of a population is distributed in groups _____.
 - Uniform dispersion
 - Random dispersion
 - Common dispersion
 - Clumped dispersion
- If age pyramid of a population is urn shaped _____.
 - Decline population
 - Stable population
 - Young population
 - Old population
- Cuckoo lay egg on the nest of other birds _____.
 - Symbiosis
 - Commensalism
 - Brood parasitism
 - Competition
- Parasite living on another parasite is known as _____.
 - Ectoparasite
 - Epiparasite
 - Endoparasite
 - Coparasite

7. The conversion of nitrate into nitrogen _____.
- a) Denitrification b) Nitrification
c) Nitrogen fixation d) Sedimentation
8. As per the second law of thermodynamics, increase in entropy means _____.
- a) Decrease in disorder b) Increase in disorder
c) No change d) Equilibrium
9. An example for lotic ecosystem _____.
- a) Pond b) well
c) river d) ocean
10. The world largest terrestrial ecosystem _____.
- a) Taiga b) Western ghats
c) Amazon d) Himalaya
11. GPP is measured in terms of total amount of _____.
- a) CO₂ in the atmosphere b) CO₂ fixed by the plant
c) CO₂ released during respiration d) CO₂ in the pond
12. Major source of phosphorus is _____.
- a) Deep sediments b) Atmosphere
c) Rocks d) Plants
13. The main objective of UNFCCC is _____.
- a) Biodiversity inventory b) Conservation of diversity
c) Stabilize green house gas d) Collaboration among countries on climate change
14. IPCC stands for _____ on climate change.
- a) Intergovernmental Panel b) International Panel
c) International Program d) International Policies
15. Pollutants responsible for ozone depletion _____.
- a) Sulfur dioxide b) Carbon dioxide
c) Chlorofluorocarbons d) Hydrogen sulphide

16. Stone leprosy – yellow spot on the marble of Taj Mahal is due to _____.
- a) Carbon dioxide b) Sulfur dioxide
c) Nitric oxide d) Dust
17. A health problem related to ozone depletion _____.
- a) Asthma b) Itching
c) Nausea d) Melanoma
18. Which one of the following is not responsible for global warming _____.
- a) CO₂ b) Nitrogen oxide
c) Hydrocarbons d) CFC
19. Medicinal plants have _____ importance.
- a) Industrial b) non-consumptive
c) consumptive d) ecological
20. Continental drift hypothesis was proposed by _____.
- a) Humboldt b) Wagner
c) Wallace d) Mantovani
21. Pangaea broke up into Gondwana and Laurasia in _____ period.
- a) Jurassic b) Permian
c) Silurian d) Cambrian
22. Alpine forest in India is found in _____.
- a) Eastern ghats b) Northeast Himalaya
c) Western Himalaya d) Western ghats
23. Centre of origin of Mango is _____.
- a) Western ghats b) China
c) Himalaya d) Sri Lanka
24. The state not associated with Western ghats is _____.
- a) Tamilnadu b) Karnataka
c) Kerala d) Orissa

25. Endemic species of western ghats
- a) Nilgiri tahr
 - b) Tiger
 - c) Elephant
 - d) Crocodile
26. One of the characters of any invasive species _____.
- a) Endemic
 - b) Slow growing
 - c) Aggressive
 - d) Doesn't alter soil property
27. From where *Solanum lycopersicum* is being introduced to India
- a) Mexico
 - b) Tropical America
 - c) China
 - d) Africa
28. Listed as the most dangerous invasive species
- a) *Tectona*
 - b) *Dalbergia*
 - c) *Momordica*
 - d) *Lantana*
29. Name of biosphere reserve in Western ghats
- a) Indira Gandhi
 - b) Nilgiri
 - c) Kalakad
 - d) Muthumalai
30. Organization not directly related to conservation of nature
- a) IUCN
 - b) UNEP
 - c) UNESCO
 - d) WWF
