

Gurudas College
Internal Assessment Exam, 2021
Zoology Honours
Paper – ZOOA-CC5-11-TH

FM: 10

Time: 30 Minutes

(Answer *any Ten Multiple Choice Questions* of the following)

1. India hosts 4 biodiversity hotspots, which one of the following is not one of them:
 - a. the Himalayas,
 - b. the Western Ghats,
 - c. the Sundarbans
 - d. the Sundaland (includes Nicobar group of Islands).

2. In IUCN Red Data Book, following one is not considered as threatened category:
 - a. Vulnerable
 - b. Endangered
 - c. Critically Endangered
 - d. Extinct in the Wild

3. Which of the following alternatives, represents a mega diversity country:
 - a. Colombia
 - b. Philippines
 - c. Peru
 - d. All above

4. According to THE WILD LIFE (PROTECTION) ACT 1972, which one of the following is not categorized under SCHEDULE 1 animal:
 - a. Assamese macaque (*Macaca assamensis*)
 - b. Brow-antlered deer or Thamin (*Cervus eldi*)
 - c. Caracal (*Felils caracal*)
 - d. Chinkara or Indian gazelle (*Gazella gazella bennetti*)

5. Transducers are
 - a. Producers
 - b. Consumers
 - c. Decomposers
 - d. Parasites

6. A collection of different populations utilizing a similar type of resource in a particular habitat within a specific time, is called
 - a. Biome
 - b. Community
 - c. Guild
 - d. Benthos

7. According to Lindeman's Trophic-Dynamic Concept, the amount of the Net Primary Productivity, which is transferred to the herbivores, is
 - a. about 20%
 - b. about 2%
 - c. about 5%
 - d. about 10%

8. An Urn-shaped Age Pyramid represents
- Expanding type population
 - Stable type population
 - Diminishing type population
 - None of the above
9. The ratio of Photosynthetic rate and Respiratory rate (P/R) with greater than 1 (>1) value, is indicative of an ecosystem, which is
- Parasitic
 - Autotrophic
 - Heterotrophic
 - Stable
10. Species which are widespread in different geographical habitat are not physiologically, or even morphologically, identical in all parts of their range. These ecological races are referred to as
- Ecotone
 - Ecosystem
 - Edge effect
 - Ecotype
11. The transitional zone or junction between two or more diverse communities is
- Ecology
 - Ecotype
 - Ecotone
 - Ecocline
12. A niche which is concerned with the physical space occupied by an organism, is called
- Trophic niche
 - Multidimensional niche
 - Hypervolume niche
 - Spatial niche
13. The replacement of the existing community which is caused largely by any other external condition and not by the existing organisms, is called
- Allogenic succession
 - Autogenic succession
 - Secondary succession
 - Heterotrophic succession
14. Hydrosere is a succession which starts in regions where
- water is plenty
 - moisture quantity is just adequate
 - initiation is on sandy soil
 - initiation is on saline water or soil
15. The process of successful habituation of the invading species by adjustment with the conditions prevailing there is called
- Aggregation
 - Invasion
 - Ecesis
 - Coaction