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REV-00 MSZ/111/116

M SC ZOOLOGY Third Semester Animal Ecology & Wildlife Biology

(MSZ-303B)

Duration: 20 minutes

2016/12

Marks – 20

 $1 \times 14 = 14$

(PART A - Objective Type)

- I. Choose the correct answer:
- 1. Mineral cycles are
 - a) Gaseous cycle b) Hydro cycle
 - c) Carbon cycle d) Sedimentary cycle
- 2. The type of ecosystem with the highest mean plant productivity is
 - a) Tropical rain forest b) Temperate grassland
 - c) Desert d) Tundra
- 3. In an aquatic ecosystem, the trophic level equivalent to Cows in grassland is
 - a) Nekton b) Zooplankton c) Phytoplankton d) Bentos
- 4. The age of pyramid with broad base indicates
 - a) High percentage of old individuals b) Low percentage of young individuals
 - c) High percentage of young individuals d) Low percentage of old individuals

5. The weight of living organisms in an ecosystem at a particular point of time is called

a) Energy	b) Production	c) Entropy	d) Biomass
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6. Edaphic factors refers to

a) Water b) Soil c) Relative Humidity d) Altitude

b) Low nutrients; low productivity

d) High nutrients; low productivity

- 7. Eutrophic lakes are characterized by
 - a) Low nutrients; high productivity
 - c) High nutrients; high productivity
- 8. Tiger project in India was launched in
- a) 1971 b) 1972 c) 1973 d) 1974
- 9. Adjutant stork is included under _____ category of IUCN.
 - a) Critically endangered _____b) endangered
 - c) extinct in the wild (100 cond) vulnerable $\frac{\partial V}{\partial V}$

10. Which one of the following is the correct name of Environmental Act of India?

- (a) The Environment (Protection) Act, 1988
- (b) The Environmental (Protection) Act, 1988
- (c) The Environment (Protection) Act, 1986
- (d) None of the above

11. How many biosphere reserves are there in Assam?

(a) Two (b) Four (c) Six (d) None of the above

12. Which section of the Wildlife Act of India deals with the illegal hunting?

(a) Section - 9
(b) Section - 11
(c) Section - 12
(d) None

13. The land of a Conservation Reserve belongs to -

(a) Government	(b) Villagers
(c) Both	(d) None

14. When a resource is in short supply that used by one it is not available to the other is called

- (a) Interference (b) Exploitation
- (c) Coexistence (d) None of the above

II. Fill up the blanks:

 $1 \ge 6 = 6$

1. Species richness refers to ______in a community.

2. ______ species have a strong influence on other species in the ecosystem.

3. Community is all of the populations in a given area where as ______ is the

Specific home of an individual organism.

4. When a resource state is divided among two or more strong competitors then occurs.

6. _____ biomes shows little rain, super dry air and typical plant vegetation.
