

V.P. & R.P.T.P. SCIENCE COLLEGE

B. Sc. SEMESTER I INTERNAL EXAM.

SUBJECT: ENVIRONMENTAL STUDIES CODE: US01SENV 21

DATE : 29/9/2018 SATURDAY TIME : 12.30 TO 2.30 TOTAL MARKS : 50

Q - 1. Answer the following multiple choice questions.

(08)

1. Ozone layer is present in :
(a) Troposphere (b) Stratosphere
(c) Mesosphere (d) Ionosphere
2. Lithosphere means
(a) Air (b) Water
(c) Rocks and soil (d) Organisms
3.is a component of Desert ecosystem
(a) Cacti (b) Planktons
(c) Bat (d) Zooplanktons
4. Which one of the following is a abiotic component?
(a) Amoeba (b) Temperature
(c) Bacteria (d) Rat
5. Solar energy is:
(a) Biotic (b) In exhaustible
(c) Exhaustible (d) Renewable
6. The factor causing land degradation is :
(a) Over grazing (b) Wrong methods of cultivation
(c) Soil erosion (d) Forest fire
7. Lichen is a association of :
(a) Fungus and moss (b) Algae and moss
(c) Algae and Riccia (d) Algae and fungus
8. Mycorrhizae is a example of :
(a) Mutualism (b) Parasitism
(c) Antagonism (d) Predation



Q-2. Answer the following short questions (Attempt any five).

(10)

1. Define: Environmental studies.
2. Discuss : Sustainable development
3. Enlist the functions of an Ecosystem.
4. What is the food chain and food web?
5. Write the importance of natural resources
6. Write the advantages of Hydropower energy
7. What is Exploitation?
8. What is Antibiosis?

Q. 3 (a) Write the importance and objectives environmental studies. 03
(b) Describe the components of atmosphere. 05

OR

Q. 3 (a) Describe the Lithosphere 04
(b) Discuss: Carbon cycle 04

Q. 4 (a) Describe Energy flow in ecosystem. 04
(b) Discuss: Food web. 04

OR

Q. 4 (a) Discuss: Pyramids of a biomass. 04
(b) Discuss: Desert ecosystem 04

Q. 5 (a) Write the uses of forest 04
(b) Discuss Hydrological drought and agricultural drought. 04

OR

Q. 5 (a) Write the effects of exploitation of water resources. 04
(b) Write short note on Land degradation. 04

Q. 6 (a) What is Mutualism? Explain with two suitable examples. 04
(b) Discuss: Competition. 04

OR

Q. 6 (a) Discuss: Predation with two suitable examples. 04
(b) Discuss: Proto co-operation. 04



.....