

SEAT No. _____

No. of Printed Pages: 2

SARDAR PATEL UNIVERSITY

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B.Sc. EXAMINATION
SEMESTER- V

US 05 CZOO 06

ENVIRONMENT & ECOLOGY

DATE 31/12/2020 – THURSDAY TIME: 02:00pm to 04:00pm

TOTAL MARKS-70

Q-1 multiple choice questions

10

1. Which animal is a secondary consumers in forest ecosystem?
(a) rabbit (b) Plankton (c) tiger (d) insect
2. Vulture is aanimal?
(a) Herbivorous (b) Carnivorous (c) Omnivorous (d) None of these
3. Which one of the following is a primary producer?
(a) Phytoplankton (b) Insect s(c) Rabbit (d) All
4. Which pyramid is not included in ecological pyramid?
a) Pyramid of number (b) Pyramid of energy (c) Pyramid of biomass (d) Pyramid of territory
5. Which animal is responsible to destroy the grass land by overgrazing
(a) Tiger (b) lion (c) Cattle (d) None of these
6. What is lost by deforestation?
(a) Forest (b) River (c) Rocks (d) None of these
7. Which is the full form of GAP?
(a) Ganga agricultural plan (b) Ganga action plan (c) Ganga actual plan (d) All
8. Which pair of animals is in intra specific relationship?
(a) lion – lioness (b) Myna- squeriel (c) Tiger- leopard (d) All of above
9. Which chemical is responsible for acid rain
(a) CaCO_3 (b) SO_2 (c) KMnO_4 (d) None of these
10. Which is an air pollutant?
(a) Sulfur (b) lead (c) Carbon dioxide (d) All of these

[1]

[P.T.O.]

- Q-2 True / false and fill in the blanks 08
1. Zooplankton is primary producers (True / false)
 2. Co₂ is responsible for global warming (True / false)
 3. Mining is good or forest (True / false)
 4. Mercury is responsible for pollution (True / false)
 5. Hyena is _____ in ecosystem
 6. Rain is part of _____ cycle
 7. Over _____ is harmful for forest
 8. Led is responsible for _____ pollution

Q-3 Write short questions (write any ten) 20

1. Define of ecology
2. What is ecosystem?
3. Define primary consumer with suitable examples
4. Write a brief note on productivity
5. Draw label diagram of food chain in pond
6. Draw label diagram of water cycle
7. Define Deforestation
8. Write note on mining
9. Explain important causes for ecosystem degradation
10. Define radio active pollution? Write names of radioactive pollutants
11. Define Eutrophication
12. Define land pollution

Q-3 Long questions (Write any four)

- A) What is Ecology? describe ecosystem structure and its impotence 08
- B) Write structure of ecosystem and describe marine ecosystem 08
- C) describe Nitrogen cycle in detail 08
- D) Describe in detail pyramids of biomass with suitable examples 08
- E) Write a note on forest degradation 08
- F) Effect of Urbanization on ecosystem 08
- G) Write detail note on air pollution 08
- H) Explain in detail climate change 08

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