

(31/A-10)

SEAT No. _____

No. of Printed Pages : 2

SARDAR PATEL UNIVERSITY
B.Sc. EXAMINATION
SEMESTER- V
US O5 C ZOO 06
ENVIRONMENTAL BIOLOGY
ZOOLOGY

DATE: 03/11/18 -SATURDAY TIME : 10:00 - 01:00pm TOTAL MARKS-70

Q-1 Multiple Choice Questions:

10

1. In an aquatic ecosystem the status of crocodile is....
(a) Primary producers (b) Secondary consumers
(c) Primary consumers (d) None of above
2. Which one of the following is not found in desert?
(a) Leech (b) Viper (c) Horn toad (d) All of these
3. Role of Hyena in ecosystem is?
(a) Decomposers (b) Producers (c) Scavengers (d) None of above
4. Percentage of nitrogen gas in atmosphere is..
(a) 72 (b) 60 (c) 69 (d) None of above
5. Which one of the following is not include in ecological pyramid?
(a) Number (b) Biomass (c) Biotic (d) All of above
6. Which one of the following is not a Carnivorous?
(a) Crow (b) Squirrel (c) Rabbit (d) None of above
7. What is the full form of GAP?
(a) Ganga Authority Plan (b) Ganga Action Plan (c) Ganga Action Publicity (d)
None of above
8. Which one of the following is responsible for marine ecosystem Degradation?
(a) Over grazing (b) Urbanization (c) Plastic waste (d) None of above
9. Unit of noise pollution is ...
(a) 10db (b) 20db (c) 90db (d) 30db
10. Which chemical is responsible for ozone depletion?
(a) Acetic acid (b) Hydrochloric acid (c) Sulfuric acid (d) None of above

(1)

(P.T.O.)

- Q-2 Short Questions: [any ten] 20**
1. Importance of ecosystem
 2. Importance of decomposers
 3. Define ecology
 4. Draw a labeled diagramme of pyramid of biomass
 5. Draw a label diagramme of Food chain
 6. Draw a labeled diagramme of Co₂ cycle
 7. What is land pollution? Write its causes and solution
 8. Write brief note on Green house effect
 9. Effect of noise pollution on animals
 10. Write brief note on over grazing
 11. Write note on urbanization
 12. Write a note on soil erosion

Q-3 (A) Write a note on Scavengers with examples and its importance in ecosystem 05

(B) Write a note desert adaptation of camel. 05

OR

Q-3 What is ecosystem? Explain Marine ecosystem with suitable example. 10

Q-4 Write short note on:

(A) What is Water cycle? Write its importance 05

(B) What is Food web? How it different from food chain 05

OR

Q-4 What is nitrogen cycle? Explain in detail 10

Q-5 Write notes on:

(A) Eutrophication 05

(B) Mining effect on land 05

OR

Q-5 What is GAP? Describe in detail 10

Q-6 Write notes on.

(A) Ozone depletion 05

(B) Global warming and its solution 05

OR

Q-6 Explain in detail note on Air pollution and write how we control it. 10

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