

[32]

Seat No : \_\_\_\_\_

No. of Printed Pages : 2

SARDAR PATEL UNIVERSITY

B.Sc .Fifth Semester exam.

ZOOLOGY- (US05CZOO 06)

(Environmental Biology )

DATE : 22-11 2019, Friday

TIME :10:00 to 11:00 p.m

TOTAL MARKS : 70

- Q-1 CHOOSE CORRECT ANSWER : 10
- 1 The word Neretic is related with \_\_\_\_\_.  
a. Sea b. Desert c. Cropland d. Grassland
  - 2 Estuarine habitate has \_\_\_\_\_ water.  
a. Slightly whitish b. Slightly blackish c. Brackish d. Salty
  - 3 In \_\_\_\_\_ ecosystem pyramid of Bio-mass is inverted in shape.  
a. Forest b. Pond c. Cropland d. Grassland.
  - 4 In \_\_\_\_\_ food chain , Ecosystems are less dependent on direct solar energy.  
a. Grazing b. Detritus c. Parasitic d. All.
  - 5 In commensalism partner A & Partner B are :  
a. +,+ b. +,0 c. 0,0 d. None of these.
  - 6 Which layer of vegetation is removed due to overgrazing ?  
a. Upper b. Middle c. Lower d. All of these.
  - 7 Smog is combination of the words \_\_\_\_\_ .  
a. Smog + Fog b. Smoke + Fog c. Both d. None.
  - 8 Eyes and Throat irritation caused by :  
a. Nitrogen oxide b. Sulphur oxide c. Carbon monoxide d. Carbon dioxide.
  - 9 Which one causes ozone depletion ?  
a. NaOH b. CFCs c. Na<sub>2</sub>CO<sub>3</sub> d. None of these.
  - 10 Full form of GAP is :  
a. Ganga agriculture plan b. Ganga action plan c. Ganga auto plan d. Ganga actual plan.

(1)

(PTO)

Q-2	ANSWER IN SHORT : (ANY TEN)	20
1	What is Bio- sphere?	
2	Write difference between Community and Population.	
3	What is Tundra ?	
4	Define : Productivity.	
5	What are trophic levels?	
6	Give the name of atmospheric & edaphic nutrient cycles.	
7	Draw a table of Positive and Negative Interaction.	
8	Write about causes of Mining.	
9	Explain briefly : Suspended Particulate Matter.	
10	Write brief : Global Warming	
11	Define : Noise Pollution.	
12	Write a note on Control of Overgrazing.	
Q-3	Explain Aquatic Ecosystem in detail .	10
	OR	
Q-3	What is Ecosystem? Describe structural components of an ecosystem in detail.	10
Q-4	Write a note on :	
A	Grazing food chain.	05
B	What is food web? Explain giving example.	05
	OR	
Q-4	Give a detailed note on Ecological pyramids.	10
Q-5	Describe intra & interspecific animal relationship.	10
	OR	
Q-5	A Write a note on GAP.	07
	B Give a brief note on Agricultural degradation.	03
Q-6	What is Water Pollution ? Write its effects and control.	10
	OR	
Q-6	A Describe : Eutrophication.	07
	B Write briefly about Acid rain.	03

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