

SEAT No. _____

No. of Printed Pages : 2

[19/A-15]

SARDAR PATEL UNIVERSITY
S.Y.B.Sc. 4th SEMESTER EXAMINATION
9th APRIL 2018, Monday
10.00 AM to 1.00 PM
(US04CENV02)

ENVIRONMENTAL POLLUTION, WILD LIFE & BIODIVERSITY

Total Marks-70

Q.1 Select the answer and write it in answer sheet (10)

1. _____ is an example of natural air pollutant
a. Volcanic eruption b. Natural fog c. Dust d. Both a and b
2. Ozone is produced as a by-product in which photochemical reaction?
a. Sulphur dioxide b. Nitrogen dioxide c. Carbon dioxide d. Calcium dioxide
3. The water bearing layers of soil and rocks are called ____
a. Losifers b. Aquifers c. Desifers d. Rotifers
4. The surface water pollution can be categorised as ____
a. Point and Non-point b. Natural and Anthropogenic
c. Both of above d. None of above
5. There are mainly _____ types of water pollutants
a. Two b. Three c. Four d. Five
6. Deccan peninsula rises to _____ meters in north
a. 100 b. 150 c. 200 d. 250
7. Taxon is counted as threatened while its population declined to _____ %
a. 60 b. 70 c. 80 d. 90
8. The andolan in Kailadevi Wildlife Sanctuary was named as _____ andolan
a. Bishnoi b. Silent valley c. Chipko d. Bhed Bhagao
9. _____ is not the necessary step for Environmental Education
a. Estimation b. Awareness c. Knowledge d. Attitude
10. Which pattern is observed where some focal points are situated at one end of village?
a. Hamlet shaped b. Fan shaped c. Club shaped d. Rod shaped

[P.T.O.]

Q.2 . Answer in brief (Any Ten)

(20)

1. Define the term air pollution
2. Write short note on aerosols
3. Enlist types of air pollutants
4. Discuss in brief about water resources on Earth
5. Write a short note on parameters of water pollution
6. Explain agricultural pollutants as a source of water pollution
7. How Western Ghats of India are important for wildlife?
8. Write about wildlife of Deccan peninsula
9. Discuss in brief about ecosystem diversity
10. State the principles of wildlife protection
11. Which factors influence population growth?
12. Enlist the causes of land degradation

- Q. 3 (a) Discuss the effects of SO₂ on plants (05)**
(b) Write a note on source of NO_x pollution (05)

OR

- Q. 3 (a) Describe the sources of SO_x pollution (05)**
(b) Explain photochemical smog and its reactions (05)

- Q. 4 (a) Write a detail note on surface water pollution (05)**
(b) Discuss pollution management and control for water pollution (05)

OR

- Q. 4 (a) Discuss sources of water pollution (05)**
(b) Give a note on domestic type of water pollution (05)

- Q. 5 (a) Discuss the wild life of Himalayan region (05)**
(b) Write in brief about alpha, beta and gamma biodiversity (05)

OR

- Q. 5 (a) Discuss importance of biodiversity (05)**
(b) Write about Endangered Flora & Fauna of India (05)

- Q. 6 Give a detail account on Environmental Education (10)**

OR

- Q. 6 Discuss different methods used in land restoration and revegetation (10)**