

SEAT No. \_\_\_\_\_

No. of Printed Pages : 2

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SARDAR PATEL UNIVERSITY

T. Y. B.Sc. 5<sup>th</sup> SEMESTER EXAMINATION

28<sup>th</sup> December, 2020, Monday

2.00 PM to 4.00 PM

Environmental Pollution (US05CENV23)

Total Marks-70

Q.1 Multiple Choice Questions (one mark each)

[10]

1. Ground level ozone are \_\_\_\_\_ air pollutants.  
(a) primary (b) secondary (c) none of the above (d) both a & b
2. \_\_\_\_\_ is the worst climate pollutant.  
(a) carbon dioxide (b) nitrogen dioxide (c) sulphur dioxide (d) None of above
3. \_\_\_\_\_ are produced naturally from volcanoes.  
(a) carbon monoxide (b) Sulphur oxides (c) nitrogen oxides (d) carbon dioxide
4. \_\_\_\_\_ helps in preventing soil eroision.  
(a) forests (b) rivers (c) both of above (d) none of above
5. The common chemicals involved in soil pollution are \_\_\_\_\_  
(a) Petroleum (b) hydrocarbons (c) pesticides (d) all of the above
6. Herbicides are used to kill \_\_\_\_\_  
(a) pests (b) weeds (c) ants (d) none of these
7. \_\_\_\_\_ are causes of noise pollution.  
(a) industrial machinery (b) vehicles (c) construction (d) all of the above
8. Process that changes ambient water is \_\_\_\_\_ pollution.  
(a) thermal (b) noise (c) air (d) vehicular
9. \_\_\_\_\_ energy does not contribute to global climate change.  
(a) thermal (b) nuclear (c) none of these (d) both a & b
10. \_\_\_\_\_ wastes are most difficult to manage.  
(a) Nuclear (b) solid (c) soil (d) none of these

Q.2 Answer as true or false

[08]

1. Odours and volatile oils are indoor air pollutants.
2. Hydrocarbons are formed due to wood combustion.
3. Xenobiotics are man made chemicals.
4. Microplastics do not cause soil pollution.
5. The smallest particle of radioactive material is radioactive fallout.
6. Carpets in the house do not help in reducing noise pollution.
7. The amount of waste generated in nuclear power is very small relative to thermal electricity.
8. The Chernobyl incident occurred in the year 1985.

[1]

(P.T.O.)

Q3. Answer the questions in short (Attempt any ten)

[20]

1. Write the 3 forms of secondary air pollutants.
2. Explain about nitrogen oxides as air pollutant.
3. Write about acid rain.
4. Define soil pollution.
5. What are the health consequences due to soil pollution?
6. How can soil erosion be controlled?
7. What is radioactive fallout?
8. Write some methods to reduce noise pollution indoors.
9. What are the sources of noise pollution?
10. What is the role of cooling pond in thermal pollution?
11. What is nuclear pollution?
12. What are the various ways to avoid vehicular pollution?

Q4. Long Answer Questions (Attempt any 4)

[32]

1. Write a detailed note on indoor and outdoor air pollutants.
2. Explain about the air precipitator in detail.
3. Give a brief account of soil pollution.
4. Explain about the different types of radioactive wastes.
5. Write in brief all about control of noise pollution in brief.
6. How can thermal pollution be controlled? Explain in brief.
7. Explain the various ways to control nuclear pollution.
8. Write a detailed note on vehicular pollution.

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[2]