

K21U 4711

Reg. No. : .....

Name : .....

✓ Semester B.A./B.Sc./B.Com./B.B.A./B.B.A.(T.T.M.)/B.B.A.(R.T.M.)/B.B.M./  
B.T.T.M./B.C.A./B.S.W./B.A. Afsal-UI-Ulama/B.B.A. (AH) Degree CBCSS  
(OBE) Regular Examination, November 2021  
(2019 Admission Only) Open Course  
5D03CHE/PCH : ENVIRONMENTAL STUDIES

Time : 2 Hours

Max. Marks : 20

**Instruction :** Answers can be written **only** in **English**.

SECTION – A

Very short answer type – **Each** carries **1** mark – Answer **all 5** questions :

1. Name different components of environment.
2. Mention any two adverse effects of air pollution.
3. Name two standards of drinking water.
4. Give the expansion of COD and BOD.
5. Give two sources of soil pollution.

(5×1=5)

SECTION – B

Short answer type – **Each** carries **2** marks – Answer **3** questions out of 5 :

6. Briefly explain the effects of global warming.
7. Define bioaccumulation.
8. Write a short note on plastic pollution.
9. What is geothermal energy ? Mention its applications.
10. Explain how electricity is produced from solar energy.

(3×2=6)

P.T.O.



SECTION – C

Short essay type – **Each** carries **3** marks – Answer **3** questions out of 5 :

11. Define biosphere and hydrological cycle.
12. Define noise pollution. Explain its adverse effects.
13. What do you understand by 'carbon footprint' ? Give four tips to reduce your carbon footprint.
14. Explain the role of industrial effluents in water pollution.
15. Briefly explain the sources of thermal pollution. (3×3=9)



K22U 2484

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V Semester B.A./B.Sc./B.Com./B.T.T.M./B.B.A./B.B.A. – T.T.M./B.B.A. – A.H./  
B.C.A./B.A. Afsal-UI-Ulama/B.S.W. Degree (CBCSS – OBE – Regular/  
Supplementary/Improvement) Examination, November 2022  
(2019 Admission Onwards)

Open Course

5D03 CHE/PCH – ENVIRONMENTAL STUDIES

Time : 2 Hours

Max. Marks : 20

**Instruction** : Answers can be written only in **English**.

SECTION – A

Very short answer type – **Each** question carries **1** mark – Answer **all 5** questions.

1. What are particulates ?
2. Mention two hazards associated with radioactive pollutants.
3. Name the environmental segment which includes glaciers.
4. Fossil fuels are green energy sources. Do you agree with this statement ?  
Justify your answer.
5. Mention four different types of environmental pollution.

SECTION – B

Short answer type – **Each** question carries **2** marks – Answer **3** questions out of 5.

6. Explain carbon foot print.
7. Discuss briefly the structure and composition of atmosphere.

P.T.O.



8. Explain consequences of global warming from enhanced greenhouse effect.
9. Define eutrophication and explain its consequences.
10. Write a note on formation and adverse effects of ozone depletion.

SECTION – C

Short essay type – **Each** question carries **3** marks – Answer **3** questions out of 5.

11. Discuss the effects and control of pollution due to burning of fossil fuels.
12. Briefly explain any two disasters or disease due to heavy metal poisoning.
13. Write a note on standards of drinking water.
14. Explain production of electricity using any three green energy sources.
15. Discuss pesticide pollution and its impact on environment.

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K23U 2523

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B.B.A.-T.T.M./B.B.A.-A.H./B.C.A./B.S.W./B.M.M.C. Degree (CBCSS – OBE –  
Regular/Supplementary/Improvement) Examination, November 2023  
(2019 – 2021 Admissions)  
Generic Elective Course  
5D03 CHE/PCH : ENVIRONMENTAL STUDIES

Time : 2 Hours

Max. Marks : 20

SECTION – A

Very short answer type. Answer **all** questions. **Each** carries **1** mark. (5×1=5)

1. The segment of the environment that includes all types of water resources is
2. Define the term pollutant.
3. What is the region of atmosphere that contains the ozone umbrella called ?
4. What is MSW in connection with solid waste management ?
5. Give two green energy sources.

SECTION – B

Short answer type. Answer **any 3** questions. **Each** carries **2** marks. (3×2=6)

6. Name major regions of atmosphere.
7. What is meant by noise pollution ? Give any two sources of it.
8. Differentiate between BOD and COD with respect to water quality.
9. What is meant by composting ? Explain its types.
10. Define geothermal energy.

P.T.O.



SECTION – C

Short essay type. Answer **any 3** questions. **Each** carries **3** marks.

(3×3=9)

11. What is acid rain ? Discuss on its adverse effects and control measures.
  12. List out any five adverse effects of air pollution.
  13. Discuss the role of agriculture discharge and heavy metals in water pollution.
  14. Write notes on :
    - a) Preventive measures for water pollution
    - b) Minamata disaster.
  15. Describe the causes and consequences of soil pollution.
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