

**Department – Pharmaceutical Technology**  
**JADAVPUR UNIVERSITY**

1<sup>st</sup> Year, 2<sup>nd</sup> Semester, (PCI) (Main) Examination, 2024.

Subject – BP 206 T. Environmental Sciences (Theory)

Time: Two hours

Full Marks: 50

Sl. No.	Unit – I & II
1.	<p>MCQ – Note: attempt any ten questions. <span style="float: right;">10X1 = 10</span></p> <ol style="list-style-type: none"> <li>On which of the following issues did the Narmada Bachao Andolan first focus? (a) Benefits of irrigation to landless farmers (b) Environmental issues related to submergence of trees under the dam water (c) Rehabilitation of the people displaced due to construction of the dam (d) Economic issues of wastage of money for the construction of the dam.</li> <li>Sandstone and mica are examples of _____. (a) Non-metallic minerals (b) Energy minerals (c) Non-ferrous minerals (d) Ferrous minerals.</li> <li>Which of the following minerals is the primary source of aluminium? (a) Bauxite (b) Coal (c) Iron ore (d) Copper.</li> <li>Which of the following minerals is used for the extraction of iron? (a) Bauxite (b) Chromite (c) Hematite (d) Magnetite.</li> <li>What is the impact of air pollution on plants? (a) Infection in the lungs (b) Irritation in eyes (c) Reduce growth and yield of crops (d) Deafening of ears.</li> <li>Biochemical oxygen demand is a measure of – (a) Air pollution (b) Water pollution (c) Noise pollution (d) Soil pollution.</li> <li>Name the tropical evergreen forest in India. (a) The Western Ghats (b) Semiarid areas in Gujarat (c) Madhya Pradesh (d) All of the above.</li> <li>World Forest Day is celebrated on which of the given day? (a) 21st May (b) 21st June (c) 21st March (d) 21st April.</li> <li>World Environment Day is – (a) 10th December (b) 5th June (c) 26th January (d) 8th March.</li> <li>Increased levels of air pollution primarily cause _____. (a) Soil erosion (b) Global Warming (c) Respiratory complications (d) All of the above.</li> <li>Which of these are essential non-metallic minerals? (a) Coal, silica, clay, cement (b) Iron, copper, aluminium, zinc (c) Gold, platinum, silver (d) Granite, limestone, marble.</li> </ol>

	<p>SCQ – Note: attempt any five questions. <span style="float: right;">5X2 = 10</span></p> <ul style="list-style-type: none"> <li>A. Full form of VOCs.</li> <li>B. What is smog?</li> <li>C. Example of Greenhouse gases.</li> <li>D. What is BOD?</li> <li>E. Define decomposers.</li> <li>F. What are aquifers?</li> </ul> <p>Short Note – Note: attempt any four questions. <span style="float: right;">4X5 = 20</span></p> <ul style="list-style-type: none"> <li>a. How groundwater is being polluted?</li> <li>b. What are fossil fuels? State their uses.</li> <li>c. Write a short note on 'effect of air pollution'.</li> <li>d. Explain ozone hole.</li> <li>e. How to control the soil pollution?</li> </ul> <p>Descriptive question – Note: attempt A) or B) only.</p> <p>A) i) What is chronic hunger? ii) Explain the historical background of Green Revolution in India and its impact on socio-economic fields. <span style="float: right;">3+7 = 10</span></p> <p>B) i) Explain different types of resources and their activities. ii) Briefly explain the structure of an ecosystem. <span style="float: right;">6+4 = 10</span></p>
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