

B.Sc. (Part-II) (CBCS Pattern) Semester-III
USENV T06 - Environmental Science Paper-II - Natural Resources and GIS

P. Pages : 1

Time : Three Hours



GUG/S/25/11607

Max. Marks : 50

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- Notes : 1. All questions are compulsory and carry equal marks.
2. Illustrate the answers with suitable diagram and examples.

1. Describe solar energy as a renewable energy resource. 10
OR
a) Explain coal as a source of conventional energy. 5
b) Discuss geothermal energy in brief. 5
2. Discuss the sources of water supply in detail. 10
OR
a) Briefly explain the watershed. 5
b) Explain man's water requirement. 5
3. Discuss flood as a natural disaster. 10
OR
a) Briefly explain the biological disaster. 5
b) Explain zonation and microzonation in disaster management. 5
4. Discuss the components of GIS and GIS process system. 10
OR
a) Explain the concept of remote sensing. 5
b) Describe the Remote sensing data acquisition mechanism. 5
5. Answer in brief **any ten**. 10
a) What is nuclear fission?
b) What is OTEC?
c) Write about biogas.
d) Write the objective of rainwater harvesting.
e) What is NWDB?
f) Mention the reason for the loss of soil.
g) What is natural catastrophe?
h) write about disaster communication.
i) What is drought?
j) What is digital image processing?
k) What is satellite photogrammetry?
l) Write about the global navigation satellite system.
