

M.Sc.(Env.) Semester - 3 (CBCS) Examination**OCT/NOV-2024****Environmental Management and Remote Sensing (Elective)****Time: 2:30 Hours****Marks: 70****Instructions:**

1. All questions are compulsory.
 2. Figures to the right indicate marks.
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SECTION- I**Q. 1 Answer the following**

1. Explain the environmental management in controlling pollution and conserving natural resources. (07)
2. Write a note on the history of environmental standards. (07)

OR**Q. 1** Discuss environmental management practices contribute to achieving sustainability Goals. (14)**Q. 2 Answer the following**

1. Write a note on implementation, highlighting and challenges of ISO 14001. (07)
2. Discuss the basic principles and objectives of ISO 14001. (07)

OR**Q. 2** Describe the assessment process for ISO 14001 certification, including internal and external audits. (14)**Q. 3 Do as direct (any seven)**

(07)

1. Explain the significance of Rio Earth Summit 1992.
2. What is the role of internal auditing in ISO 14001?
3. Explain the best practices in ISO 14001 implementation.
4. What is the role of NGOs in global environmental management?
5. Describe EMS as per ISO 14001.
6. What are the advantages of GPS?
7. Define the significance of Plan-Do-Check-Act.
8. Define the criteria for implementation of ISO 14001.

SECTION- II**Q. 1** Describe the three segments of the GPS. (14)**OR****Q. 1 Answer the following**

1. Write a note on the advantages and disadvantages of GPS technology. (07)
2. Write a note on the role of GPS in military operations and strategic planning. (07)

Q. 2 Describe the highlighting and process of image interpretation in remote sensing. (14)**OR****Q. 2 Write short note on:**

1. Explain the significance of digital image processing in enhancing remote sensing images. (07)
2. Define GIS and discuss its essential components and functionalities (07)

Q. 3 Do as direct (any seven)

(07)

1. Describe the primary purpose of GPS.
2. What are the advantages of GPS?
3. Define digital image processing and its importance in remote sensing.
4. Explain the geological applications of remote sensing.
5. Mention the application of GPS in agriculture.
6. Explain the privacy of GPS technology.
7. Explain the types of remote sensing systems.
8. Explain the electromagnetic spectrum?
