

B.B.A. (Forest Management and Eco-Tourism) CBCS Pattern Semester-IV  
**BBA045 - Integrated Forest Management Through Research and Implementation**

P. Pages : 2

Time : Three Hours



**GUG/S/25/16829**

Max. Marks : 70

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1. Answer the following questions. **7x4  
=28**
- i) Explain the participatory approach to Sustainable Forest Management (SFM). How does it involve local communities in forest decision-making?
  - ii) Discuss the fuel, fodder and timber crisis in developing countries. How can social forestry contribute to mitigating these issues?
  - iii) What is Joint Forest Management (JFM)? Discuss the principles of JFM and its role in community development.
  - iv) Describe the different types of social forestry plantations, such as energy blocks and green belts. What are their benefits?
  - v) Explain the importance of biodiversity conservation in the context of forest management.
  - vi) How does technology, like mobile apps and blockchain, play a role in forest management and traceability?
  - vii) What are the key principles of the ecosystem approach in forest management? How can it contribute to the sustainable use of forest resources?
  - viii) Discuss the role of research methodology in forest management. What steps are involved in conducting a research project in forest conservation.
2. Answer the following questions. **3x4  
=12**
- i) Define social forestry. How does it contribute to community welfare?
  - ii) What are energy blocks, and how do they contribute to forest conservation?
  - iii) How can the participatory approach ensure effective implementation of SEM?
  - iv) What is the significance of tree and land tenure in forest conservation?
  - v) Explain the concept of ecological constraints in forest management.
  - vi) What are the main objectives of Joint Forest Management (JFM)?
  - vii) How can drones help in forest management and monitoring?
  - viii) Discuss the importance of biodiversity in ecosystem management.

- 3.** Answer the following questions in one line **1x8**  
**=8**
- i) What is the role of community participation in sustainable forest Management.
  - ii) What are the key benefits of sustainable forest management?
  - iii) How does Joint Forest Management help in the conservation of forests?
  - iv) What does the term "tree tenure" mean in forest resource management?
  - v) How can blockchain technology assist in forest product traceability?
  - vi) What is the importance of ecological constraints in forest management?
  - vii) What is the main purpose of participatory approach in SFM?
  - viii) How does the use of drones enhance data collection in forest management?
- 4.** Fill in the blank. **1x6**  
**=6**
- i) ----- involves a combination of tree planting and grazing systems, benefiting both timber and livestock.
  - ii) ----- is the process of integrating local communities into forest management for sustainable resource use.
  - iii) The principle of ----- emphasizes adapting management practices based on changing environmental and social conditions.
  - iv) ----- involves the use of technology to engage communities and collect data on forest resources.
  - v) ----- is an approach that focuses on conserving the overall health and diversity of forest ecosystems.
  - vi) ----- systems are used to manage forest resources while providing essential community benefits.
- 5.** Answer the following questions. **8x2**  
**=16**
- i) Explain the principles of Joint Forest Management. How can this approach help in rural development and employment generation?
  - ii) Discuss the strategies and objectives of social forestry in addressing the fuel, fodder, and timber crisis in developing countries.
  - iii) Explain the concept of ecosystem-based forest management. How does it promote sustainable use and conservation of forest resources?
  - iv) Discuss the role of technology in modern forest management. How do innovations like mobile apps and blockchain enhance forest resource monitoring?

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