

2025

M.Sc. 3rd Semester Examination

PAPER : M250301 (MOOCS)

**STRATEGIES AND MODELS FOR
SUSTAINABILITY**

Full Marks : 100

Time : Three Hours

*The figures in the margin indicate full marks.
Candidates are required to give their answers
in their own words as far as practicable.*

Group - A

Answer any *nine* questions : 2×9=18

1. Define Health according to WHO.
2. What is sustainable development?
3. Define Sanitation.
4. What is value addition? Give one example.
5. Mention two benefits of value addition in agriculture?
6. What is recycling? Give one example.
7. Write an advantage of reusing material.
8. Name two renewable natural resources.
9. What is Integrated Farming System (IFS)?

P.T.O.

(2)

10. Write the full form of OFDC, TDCC, UFPL, LAMPS.
11. Which organization is responsible for developing NH in India?
12. Write down three pillar model in sustainable development model.
13. Write down the prism in sustainable development model.
14. Define Eco-tourism.

Group - B

Answer any *five* questions : 4×5=20

15. Write a short note on the SWOT Ana of food processing industry.
16. Write a short note on the role of Technology in the Indian agricultural Industry.
17. Explain the 3Rs : Reduce, Reuse, Recycle.
18. How can Remote Sensing help in disaster management?
19. Write down the function of Self-help groups.
20. Write the relation between Gender and Market Linkages.
21. Describe shifting agriculture as an ecological journey.
22. Write down the major components of remote sensing technology.

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Group - C

Answer any *four* questions : $8 \times 4 = 32$

23. Discuss the role of recycling in waste management and pollution control.
24. Discuss the sustainable approach to public health and sanitation.
25. Explain the application of remote sensing and GIS in environmental conservation.
26. Explain the essential components of health infrastructure.
27. Explain relation between shifting agriculture and sustainable development.
28. What are the major ecological foundations of sustainable agriculture?

Internal Assessment : 30 Marks
