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PG
MBA Semester- 4th Examination, 2026
MASTER OF BUSINESS ADMINISTRATION
PAPER: MBA 416C
(HOSPITAL WASTE AND ENVIRONMENTAL MANAGEMENT)

Full Marks: 80 **Time: 3 Hours**

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

Group-A

Answer any **EIGHT** of the following questions: 8×5=40

1. Define hospital waste management. State its objectives. 2+3
2. Explain the color-coding system of biomedical waste.
3. Differentiate between the general waste and infectious waste.
4. Explain the role of healthcare professionals in proper waste segregation.
5. Discuss the role of healthcare professionals in promoting environmental sustainability
6. What are the 3Rs of environmental management? Discuss the benefits of implementing this principle in the hospitals.
7. Discuss the health hazards associated with improper disposal of excreta.
8. Write the short note on Borehole Latrine.
9. Define needle-stick injury. Mention the immediate steps to be taken following a needle-stick injury. 2+3
10. Discuss the role of hygiene and sanitation in preventing excreta-borne diseases.
11. Define sewage. What are the main aims of sewage disposal? Explain it.2+3
12. Write the short note on standard of microwaving.

Group-B

Answer any **FOUR** of the following questions: 4×10=40

13. What is a green hospital? Explain the major initiatives that can be adopted to develop an environmentally sustainable hospital. 3+7
14. Explain the diseases transmitted through human excreta and discuss their modes of transmission. 3+7

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15. Explain how training and awareness contribute to better compliance with hospital rules, safety procedures, and infection-control practices.
16. Describe the different categories of healthcare waste and explain their appropriate handling and disposal methods. 4+3+3
17. Discuss the environmental and health impacts of plastic waste generated in hospitals and suggest appropriate management strategies. 6+4
18. Discuss the role of hospital administration in developing and implementing an effective infection control and occupational safety programme.

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