

**CERTIFICATE IN HEALTH CARE
WASTE MANAGEMENT
(CHCWM)**

Term-End Examination

June, 2025

**BHME-104 : MANAGERIAL AND
SYSTEMS APPROACH**

Time : 3 Hours

Maximum Marks : 70

Note : *Attempt any **seven** questions. All questions carry equal marks. Answer each question in about **600-800** words.*

1. Discuss the role of hospital manager and their activities. 10
2. Define management. Discuss the core functions of management. 2+8

3. Differentiate between strategic planning and operational planning. Discuss the step-by-step approach to planning. 4+6
4. Enumerate the different management techniques that can be used by hospital managers. Explain briefly about ABC analysis. 5+5
5. Write short notes on any *two* of the following : 5+5
 - (a) Economic Order Quantity (EOQ)
 - (b) Queuing theory
 - (c) Budgeting (Zero based and performance)
6. Enumerate the objectives of waste management system. List the ways in which infections or hazardous nature of waste can be reduced. 3+7
7. Discuss the components of waste management system. Discuss the factors that decide the treatment and disposal option. 4+6

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8. Discuss the on-site/pretreatment of waste that need to be done. Enumerate the waste that needs to be pretreated on-site. 6+4
9. Discuss the pros and cons of single *vs.* multioption approach in adopting treatment technology. 10
10. Discuss the waste management hierarchy with figure. Write a note on waste minimisation methods. 5+5

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