

BACHELOR IN HOTEL MANAGEMENT (BIHM)

Term-End Examination

December, 2017

**BHY-048 : HOTEL ENGINEERING AND
MAINTENANCE**

Time : 3 hours

Maximum Marks : 100

Note : (i) Attempt any five questions.

(ii) All questions carry equal marks.

1. Draw a chart of organizational hierarchy of maintenance department of a star hotel and explain the duties and responsibilities of the executive head of the maintenance department. 20
2. Explain different types of maintenance. Discuss the importance of maintaining equipments in the hotel. 20
3. Explain different types of boilers and their uses and maintenance. 20
4. Write about different types of Fire Extinguishers and explain the procedure for using any one type of fire extinguisher. 20
5. List different types of Pollution. Explain steps to be taken for prevention of any two types of pollution. 20

6. Explain the role and importance of water recycling for a hotel. 20
7. What is a refrigerant ? Explain types of refrigerants with examples. 20
8. Explain different types of fuels and switches. 10+10=20
9. Explain : 10+10=20
(a) Difference between AC and DC.
(b) Fire triangle
10. Explain briefly : 5+5+5+5=20
(a) MCB
(b) Relative humidity
(c) Earthing
(d) Fire alarms
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