

**BACHELOR IN HOTEL MANAGEMENT (BIHM)**

**Term-End Examination**

**June, 2013**

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

*Time : 3 hours*

*Maximum Marks : 100*

*Note : Attempt any five questions.*

*All questions carry equal marks.*

1. Draw a hierarchy chart of maintenance department of a hotel of 5 star category. Also explain the duties and responsibilities of the chief engineer of the hotel. **20**
  
2. Illustrate the differences between preventive and breakdown maintenance. **20**
  
3. Explain : **10+10=20**
  - (a) Types of switches
  - (b) Types of fuses
  
4. Explain vapour compression system of refrigeration. **20**

5. Explain various types of fires and fire extinguishers. 20
6. Explain any four types of pollution and the effective measures to control them. 20
7. Explain the role of recycling in protecting environment. 20
8. With the help of a neat diagram explain the working of a fire alarm. 20
9. What are various sources and types of water ? 20  
Explain cold water system of a hotel.
10. Explain briefly : 5x4=20
- (a) Defrosting
  - (b) Boiler
  - (c) Short circuit
  - (d) MCB
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