

**BACHELOR IN HOTEL MANAGEMENT (BIHM)**

**Term-End Examination**

**June, 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 an organizational hierarchy chart of a 5-star hotel. Describe the duties and responsibilities of the chief engineer in that hotel. 20
2. Explain advantages and disadvantages of contract maintenance in the hotel industry. 20
3. Write short notes on : 10+10=20  
(a) Power Generator  
(b) Water boiler
4. Describe different water conservation methods used in the hotels. 20
5. Explain types of refrigeration systems used in the hotel industry. 20
6. Explain the process of water purification used in the hotel industry. 20

7. Write short notes on : 10+10=20  
(a) Types of refrigerants  
(b) Earthing
8. Elaborate different types of fire extinguishers. 20
9. Explain briefly the problems of Air pollution and Noise pollution. 20
10. Write brief about : 10+10=20  
(a) Exhaust and flow of air  
(b) Fire safety regulations
-