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**BHY-048**

**BACHELORS IN HOTEL MANAGEMENT  
(BIHM)**

**Term-End Examination**

**June, 2019**

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

*Time : 3 Hours*

*Maximum Marks : 100*

*Note : Attempt any five questions. All questions  
carry equal marks.*

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1. Define the following : 5 each
    - (a) Earthing
    - (b) Water pollution
    - (c) Refrigeration
    - (d) Power generator
  2. Explain contract maintenance. Discuss its advantages and disadvantages. 20
  3. Explain AC and DC with advantages and disadvantages of each. 20
  4. Explain the followings : 10 each
    - (a) Types of maintenance
    - (b) Types of fuses

5. Elaborate on the different types of boilers and its uses. 20
6. Describe types of refrigeration systems used in the hotel industry. 20
7. Write short notes on the following : 10 each
  - (a) Fire safety regulations
  - (b) Exhaust and flow of air
8. Explain different types of fire extinguishers. 20
9. Explain hot and cold water distribution systems in the hotels. 20
10. Explain the following : 10 each
  - (a) Water recycling
  - (b) Components of tubelight