

00183

**BACHELOR IN HOTEL MANAGEMENT (BIHM)**

**Term-End Examination**

**June, 2015**

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

*Time : 3 hours*

*Maximum Marks : 100*

---

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

---

1. Describe the duties and responsibilities of the chief engineer in a five - star hotel. **20**
  
2. Write short notes on following for safety precautions. **10+10=20**
  - (a) Handling electric appliances.
  - (b) Handling of fire fighting equipments.
  
3. Explain types of water conservation systems used in the hotel industry. **20**
  
4. Explain the various security systems used in a five star hotel. **20**
  
5. Explain the various types of air conditionings used in Hotel Industry. **20**
  
6. Explain merits and demerits of contract maintenance in hotel industry. **20**

7. Explain briefly : 5x4=20
- (a) Earthing
  - (b) Watt
  - (c) Circuit
  - (d) Volt
8. Discuss briefly the steps that should be taken by hotels to prevent accidents, slips and falls. 20
9. Elaborate scientific principles used in refrigeration. 20
10. Write short notes on **any two** of the following :  
Discuss briefly problems of : 10+10=20
- (a) Air pollution
  - (b) Noise pollution
  - (c) Thermal pollution
-