

**BACHELOR IN HOTEL MANAGEMENT (BIHM)**

**Term-End Examination**

**December, 2014**

00261

**BHY-038 : ENVIRONMENTAL STUDIES AND  
FACILITY PLANNING**

*Time : 3 hours*

*Maximum Marks : 100*

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

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1. Discuss the planning and layout of a hotel main kitchen. 20
2. What are the criteria for space allocation of revenue and non-revenue generating sections of the hotel ? Highlight budgeting of various facilities accordingly. 20
3. Write detailed notes on the following : 2×10=20
  - (a) Concept of hotel design considering flow of operations
  - (b) Hotel safety devices
4. What do you understand by smart buildings ? Discuss the building material and design for such buildings. 20

5. Write a detailed note on the significance of lighting of various hotel areas and energy saving through proper designing. 20
6. Write notes on the following : 2×10=20
- (a) Alternate energy application in hotels
  - (b) Staff environmental awareness and training
7. Write the sources of hazardous products and materials in a hotel. Write the safe way of dealing for safety and security of guests and employees. 20
8. What is the significance of indoor air quality in hotels ? Discuss the potential air pollution sources in hotels and ways of improving air quality. 20
9. Write notes on the following : 2×10=20
- (a) Waste water management in hotels
  - (b) Effects of noise pollution
10. Describe the principles of responsible purchasing and how hotels can implement Eco-friendly purchasing. 20
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