



25801263

**QP CODE: 25801263**

**Reg No** : .....

**Name** : .....

**BHM DEGREE REGULAR / SUPPLEMENTARY EXAMINATIONS, MARCH 2025**

**Fourth Semester**

BACHELOR OF HOTEL MANAGEMENT

**BH4CRT24 - HOTEL ENGINEERING**

2020 Admission Onwards

3B9EA66B

Time: 3 Hours

Max. Marks : 80

**Part A**

*Answer any **ten** questions.*

*Each question carries **2** marks.*

1. What do you mean by a contract maintenance ?
2. Explain the duties of electrical department.
3. Define Calorie.
4. What are the properties of LPG?
5. What do you mean by Electric Energy?
6. Define Direct Current.
7. Define the term Luminous Intensity.
8. What is unit of air conditioning?
9. Explain the uses of filtering in unit Air conditioners.
10. Explain Rising main in cold water system.
11. Explain the hot water distribution system in hotels
12. What do you mean by Flash Point?

(10×2=20)

**Part B**

*Answer any **six** questions.*

*Each question carries **5** marks.*

13. What are the advantages and disadvantages of reactive maintenance?





14. Write a short note on different types of fuels.
  15. Explain the microwave heating.
  16. Calculate the energy unit when a 450 Watts lamp is on for 8 hours.
  17. Explain basic Vapour Compression Refrigeration cycle.
  18. What do you mean by defrosting? Explain the various methods used.
  19. List out the various water traps based on shape.
  20. Explain the various classes of fire,
  21. Discuss the various Passive fire protection measures followed in the structural protection.
- (6×5=30)

### Part C

*Answer any **two** questions.*

*Each question carries **15** marks.*

22. Draw the flowchart showing various maintenance practices, make a comparison between planned and reactive type maintenance.
23. Explain the reason for placing switches and fuses on live wire side with adequate figures.
24. What are the safety precautions which are to be taken while dealing with electricity?
25. Explain the working of Vapour Compression System refrigerator.

(2×15=30)

