

Roll No.
Total No. of Questions : 18

Total No. of Pages : 02

**BHMCCT (Sem.-2)
HOTEL ENGINEERING-II
Subject Code : BH-118
M.Code : 14524**

Time : 3 Hrs.

Max. Marks : 30

INSTRUCTION TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of TEN questions carrying ONE mark each.
2. SECTION-B contains FIVE questions carrying 2½, (Two and Half) marks each and students has to attempt any FOUR questions.
3. SECTION-C contains THREE questions carrying FIVE marks each and students have to attempt any TWO questions.

SECTION-A

Write short notes on :

1. Principle of refrigeration
2. Latent heat
3. C class fire
4. Smoke detector
5. One ton refrigerator
6. Fire doors
7. Landfills
8. Sullage
9. Conductions
10. NTT

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SECTION-B

11. Write down a short note on noise pollution.
12. Discuss the economic replacement cycle for suddenly failing equipment.
13. What are the factors to be considered for care and maintenance of overhead projectors?
14. Segregation of garbage should take place at the place of origin itself, justify.
15. Write a brief note on fire prevention measures taken in hotels.

SECTION-C

16. Discuss the working of a central air conditioner with the help of a diagram.
17. Hotel operations lead to creation of a lot of solid and liquid waste. A proper waste disposal program shall not only make the hotel environment friendly but also can generate income for the hotel. Elaborate the statement with suitable examples.
18. Discuss different types of contracts.



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BHMT (Sem.-2)
HOTEL ENGINEERING-II
Subject Code : BH-118
M.Code : 14524
Date of Examination: 18-12-2024

Max. Marks : 30

INSTRUCTION TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of TEN questions carrying ONE mark each.
2. SECTION-B contains FIVE questions carrying $2\frac{1}{2}$ (Two and Half) marks each and students have to attempt any FOUR questions.
3. SECTION-C contains THREE questions carrying FIVE marks each and students have to attempt any TWO questions.

SECTION-A

1. Write short notes on :

- Air pollution
- Class B fire
- Contract maintenance
- Air conditioner
- Fire detector
- Thermal pollution
- Overhead protector
- Smoke detector
- Escalator
- Dehumidification

SECTION-B

2. What is the difference between water pollution and air pollution?
3. Write a short note on automatic fire detectors.
4. How does the equipment replacement policy affect the hotel working?
5. What is the difference between preventive maintenance and breakdown maintenance?
6. How does a fire extinguisher ensure safety against fire?

SECTION-C

7. Explain in detail the different classes of fire with suitable examples.
8. Write a detailed note on waste disposal and pollution control technique.
9. With a neat diagram explain the working of air conditioning.

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Total No. of Questions : 09

Total No. of Pages : 02

**BHMC (Sem.-2)
HOTEL ENGINEERING-II**

Subject Code : BH/118

M.Code : 14524

Date of Examination : 25-05-2024

Time : 3 Hrs.

Max. Marks : 30

INSTRUCTIONS TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of TEN questions carrying ONE mark each.
2. SECTION-B contains FIVE questions carrying 2½ (Two and Half) marks each and student has to attempt any FOUR questions.
3. SECTION-C contains THREE questions carrying FIVE marks each and students have to attempt any TWO questions.

SECTION-A

1. Write short notes on :

- a) Fire pyramid.
- b) Water pollution
- c) Noise pollution
- d) Relative humidity
- e) Fire detectors
- f) Sewage treatment
- g) Operation of refrigeration
- h) Traps
- i) CCTV
- j) Modem.

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SECTION-B

2. Discuss the essential requirements of contract maintenance.
3. Discuss the various sensors used in different location of a hotel.
4. Explain the economic replacement cycle for suddenly failing equipment.
5. Discuss the importance of segregation in solid waste management.
6. Explain the working of a window type air conditioner.

SECTION-C

7. Discuss about pollution control boards and pollution norms in India.
8. Explain in detail why a timely decision to replace equipment is very important in the hotel industry?
9. Prepare a table showing different types of extinguishers used in different types of fire.

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Total No. of Pages : 02

SECTION - B

BHMCT (Sem.-2)
HOTEL ENGINEERING-II

Subject Code : BH-118

M.Code : 14524

Date of Examination : 06-06-2025

Time : 3 Hrs.

Max. Marks : 30

INSTRUCTION TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of TEN questions carrying ONE mark each.
2. SECTION-B contains FIVE questions carrying $2\frac{1}{2}$ (Two and Half) marks each and students has to attempt any FOUR questions.
3. SECTION-C contains THREE questions carrying FIVE marks each and students have to attempt any TWO questions.

SECTION - A

1. Write a short notes on :
 - a) Latent heat
 - b) Types of refrigerant.
 - c) Dehumidifier
 - d) Significance of fire detectors.
 - e) Sullage
 - f) Name any two solid waste materials.
 - g) Explain any one method of disposal of liquid waste.
 - h) Difference between overhead projector and LCD.
 - i) Give any two points of care and cleaning of printer.
 - j) Give any two advantages of contract maintenance.

SECTION - C

2. Write a note on care and maintenance of refrigerator.
 3. Write a short note on water pollution.
 4. What do you understand by economic replacement cycle in case any equipment fails suddenly?
 5. Throw light the on various audiovisual aids used in the hotel industry.
 6. Explain the procedure of inviting and processing tenders.
- SECTION - C**
7. Write a detailed note on the structural protections in a hotel industry.
 8. Explain in detail the necessity of contract maintenance.
 9. Write a note on disposal of solid waste material in hotels.

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