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HMCT405

- (d) Classify the different types of pollution in hotel Industry.  
How would you control it?
- (e) Explain the types of fire extinguisher used in hotels.
- (f) Explain the water management system in hotels.
- (g) How would you maintain hygiene in hotels.

(Following Paper ID and Roll No. to be filled in your Answer Book)

**PAPER ID : 175405**

Roll No.

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**BHMCT**  
**(SEM. IV) THEORY EXAM. 2014-15**  
**HOTEL ENGINEERING**

Time : 3 Hours]

[Total Marks : 100

**Note :** Attempt the questions from each section as indicated.

**SECTION - A**

**Q1.** Define all of the following terms 2x10=20

(i) Ampere

(ii) Hydraulic elevators

- (iii) Ohm
- (iv) AC and DC
- (v) Chill units
- (vi) Hygiene
- (vii) Calorific value of fuel
- (viii) Air pollution
- (ix) Break - even point concept
- (x) Preventive maintenance

### SECTION - B

**Q2.** Attempt any *five* questions: 6x5=30

- (a) How should an employee of a hotel react in case of fire accident?
- (b) Explain waste water management and its importance.

- (c) Describe about open circuit and close circuit.
- (d) Discuss the types of fuels used in catering industry.
- (e) What are the different types of refrigeration?
- (f) Write a short note on natural ventilation system in hotel industry.

### SECTION - C

**Q3.** Attempt any *five* questions: 10x5=50

- (a) With the help of a neat diagram of organization chart, explain the hierarchy of the engineering department at a star hotel.
- (b) Give details about conductors and non - conductors.
- (c) Explain how we can save energy especially in housekeeping department of the hotel.