

B.H.M.C.T. SEM-IV (2010 COURSE) : SUMMER - 2018
SUBJECT: HOTEL SERVICES & FACILITIES PLANNING

Day: **Wednesday**
Date: **18/04/2018**

S-2018-2156

Time: **02.00 PM To 05.00 PM**
Max Marks. 80

N.B.

- 1) Attempt any **FIVE** questions.
- 2) Figures to the right indicate **FULL** marks.
- 3) Electronic pocket **CALCULATOR** are allowed.

-
- Q.1** a) Give importance of earthing and explain plate type with diagram. (08)
b) Differentiate between biogas and kerosene with advantages and disadvantages. (08)
- Q.2** a) Explain vapour absorption refrigeration system with block diagram. (08)
b) Describe semi- direct and semi-indirect lighting system. (08)
- Q.3** a) Give energy saving tips in kitchen and housekeeping. (08)
b) What is preventive maintenance and state its advantage and disadvantage? (08)
- Q.4** a) Explain cold lime soda process for softening of water. (08)
b) Describe carbon- dioxide type fire extinguisher. (08)
- Q.5** a) Define the terms: (08)
i) Sensible heat
ii) Latent heat
iii) Humidity
iv) Specific heat
b) Explain central air- conditioning with diagram. (08)
- Q.6** a) Give functions, duties and responsibilities of maintenance engineering department in hotel. (08)
b) Explain fire detecting system. (08)
- Q.7** a) Calculate electricity bill for seminar having following electric load, cost of unit is Rs. 15.00. (08)
- | | | |
|-------------|------------|--------------|
| i) 600 W | LCD | 03 hrs /day |
| ii) 100 W | PA system | 04 hrs / day |
| iii) 1.5 KW | Spot light | 03 hrs / day |
| iv) 15 W | Pointer | 30 min / day |
- b) Explain up- feed & down – feed water distribution system. (08)