BHMCT
(SEM-VIII) THEORY EXAMINATION 2017-18
ENGINEERING AND MAINTENANCE

Time: 3 Hours   *Total Marks: 100*

Note: **1.** Attempt all Sections. If require any missing data; then choose suitably.

SECTION A

1.   **Attempt *all* questions in brief.**   **2 x 10 = 20**

   a.   Up feed System
   b.   Shutdown Service
   c.   Mason
   d.   Lime soda Process
   e.   Gate valve
   f.   Squatting Pan
   g.   Liquid Fuel
   h.   Water Hydrant
   i.   Kit Kat Fuse
   j.   MCB

SECTION B

2.   **Attempt any *three* of the following:**   **10 x 3 = 30**

   a.   Define maintenance? Write down the objective of maintenance department?
   b.   Briefly discuss the various types of fuels used in catering industry.
   c.   What do you understand by Pollutant .Write down the pollution control measures for Land, Noise ,Water and air
   d.   Draw a neat and labelled diagram of Bell type flushing cistern and elaborate it.
   e.   List and elaborate various types of pipe fittings.

SECTION C

3.   **Attempt any *one* part of the following:**   **10 x 1 = 10**

   (a) Draw a neat and clear diagram of ball valve and briefly describe its working.
   (b) Draw a neat and clear diagram of organizational structure of maintenance department of a big hotel and elaborate its various departments

4.   **Attempt any *one* part of the following:**   **10 x 1 = 10**

   (a) Define refrigerant and discuss various types of refrigerents.
   (b) Discuss the types of fuels used in catering industry

5.   **Attempt any *one* part of the following:**   **10 x 1 = 10**

   (a) What are the different energy conversation tips for various departments of hotel?
   (b) What do you mean by circuit breaker .List and explain various types of fuses?

6.   **Attempt any *one* part of the following:**   **10 x 1 = 10**

   (a) Differentiate between Passenger elevator and Freight Elevator
   (b) Write a note on Double Deck elevators.

7.   **Attempt any *one* part of the following:**   **10 x 1 = 10**
   (a) Write a brief note on key control in a hotel.
   (b) Write a brief note on Emergency Evacuation Plan of a hotel .