

Printed Pages:

NBHM-405/HMCT-405

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

Paper ID : 175405

Roll No.

--	--	--	--	--	--	--	--	--	--

B.H.M.C.T.

Theory Examination (Semester-IV) 2015-16

HOTEL ENGINEERING

Time : 3 Hours

Max. Marks : 100

Section-A

Q1. Attempt all parts. Explain following terms in brief.

(2×10=20)

- (a) Humidification
- (b) Refrigerant
- (c) Riser
- (d) Waste pipe
- (e) Volt
- (f) Double phase

(1)

- (g) Voltage drop
- (h) Latent heat
- (i) Open stream
- (j) Advantages of soft water

Section-B

Q2. Attempt any five questions.

(10×5=50)

- (a) What is contract maintenance? Explain with its types.
- (b) Draw the organizational structure of hotel engineering and maintenance department.
- (c) What is ventilation? Explain with its types.
- (d) What are basic fuels used in a five star hotels? Write its types, calorific value and compare on the basis of cost.
- (e) What are various measures that are followed to control pollution in a live star hotel?
- (f) Explain various reasons for replacement.

- (g) Write a note on life cycle cost method.
- (h) What are conveyors? Explain.

Section-C

Attempt any two questions.

(15×2=30)

- Q3. Explain the function and maintenance of window AC by drawing a neat and labeled diagram.
- Q4. Explain basic working of freight elevator by drawing a neat and labeled diagram.
- Q5. Explain hot and cold water distribution system in a five star hotel by drawing a neat and labeled diagram separately.

