Printed Pages:

NBHM-405/HMCT-405

(Following Paper ID and Roll No. to be filled in your Answer Books)	
per ID : 175405	Roll No.

B.H.M.C.T.

Theory Examination (Semester-IV) 2015-16

HOTEL ENGINEERING

Time : 3 Hours

Max. Marks : 100

 $(2 \times 10 = 20)$

Section-A

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

(a) Humidification

(b) Refrigerant

(c) Riser

(d) Waste pipe

(e) Volt

(f) Double phase

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

Section-B

- **Q2.** Attempt any five questions. $(10 \times 5 = 50)$
 - (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 arc followed to control pollution in a live star hotel?
 - (f) Explain various reasons for replacement.

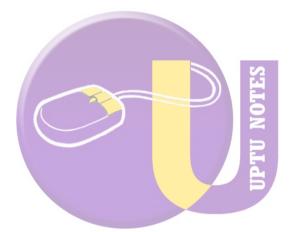
- (g) Write a note on life cycle cost method.
- (h) What are conveyors? Explain.

Section-C

Attempt any two questions.

$(15 \times 2 = 30)$

- 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.



(4) 106/**285**/20/**WW.UPTUNOTES.COM**