



Name :
Roll No. :
Invigilator's Signature :

CS/BHMCT (NEW)/SEM-5 (PART-B)/HM-505/2011

2011

FACILITY PLANNING

Time Allotted : 3 Hours

Full Marks : 70

The figures in the margin indicate full marks.

*Candidates are required to give their answers in their own words
as far as practicable.*

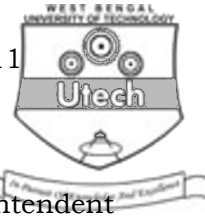
GROUP - A

(Multiple Choice Type Questions)

1. Choose the correct answer for the following :

10 × 1 = 10

- a) Electricity is actually defined as :
- i) the movement (flow) of electrons through a material
 - ii) flow of electric power
 - iii) flow of electrical vibrations
 - iv) none of these.
- b) One Kilowatt is :
- i) 850 watts
 - ii) 750 watts
 - iii) 1000 watts
 - iv) 1200 watts.



- c) Maintenance department is headed by :
- i) foreman
 - ii) superintendent
 - iii) chief engineer
 - iv) housekeeper.
- d) Facilities foreman looks after :
- i) power/water
 - ii) repair/lubrication
 - iii) fire protection/waste disposal
 - iv) building.
- e) Class B fire is for :
- i) inflammable liquids
 - ii) electrical equipments
 - iii) dry combustible materials
 - iv) none of these.
- f) Conduction is :
- i) heat travelling through solid
 - ii) heat travelling through liquid
 - iii) heat travelling through hot objects
 - iv) none of these.
- g) How many types of maintenance are there in a hotel ?
- i) one
 - ii) two
 - iii) three
 - iv) four.



- h) The vent is a device :
- i) a pipe underground
 - ii) a pipe on the roof
 - iii) a pipe inside the bathroom
 - iv) none of these.
- i) Traps are devices which are used to stop ;
- i) the escape of foul gases
 - ii) the leakage of water
 - iii) the stoppage of the flow of the water
 - iv) none of these.
- j) Water hardness is caused by :
- i) calcium and magnesium
 - ii) sulphur and nitrogen
 - iii) chlorine and sodium
 - iv) none of these.

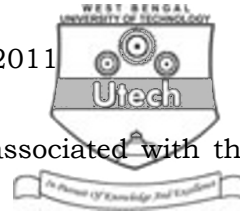
GROUP – B

(Short Answer Type Questions)

Answer any *three* of the following.

$$3 \times 5 = 15$$

2. What is the difference between carpet area and plinth area ?
How plinth area is calculated ?
3. State requirements of good design of a hotel.
4. Write down the stages and sources of capital funding in the design of a hotel.



5. State the reasons for good hotel design associated with the integrated functions of a hotel
6. Mention the benefits of hotel development and the sources of revenue earning area in a hotel.

GROUP – C

(Long Answer Type Questions)

Answer any *three* of the following. $3 \times 15 = 45$

7. Mention the factors associated with the classification of hotels. State the eligibility criteria for star classification of a hotel. Discuss the facilities available in a four star category hotel $5 + 5 + 5$
8. Discuss the factors to be considered for the good location in the hotel design with suitable example. 15
9. Write down the functions of efficient management in a hotel. Explain the factors to be considered for selecting suitable materials in the construction of a hotel ? $8 + 7$
10. Draw a diagram for the steps to be taken in the systematic layout planning procedures. Elaborate the steps. $5 + 10$
11. State the process of estimation for electrical load requirement and water requirement in a hotel. $7\frac{1}{2} + 7\frac{1}{2}$

