CS/BHSM/SEPARATE SUPPLE/SEM-6/HPM-605/2011

2011
FACILITY MANAGEMENT

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 answers from the given alternatives in each of the following questions :   10 × 1 = 10
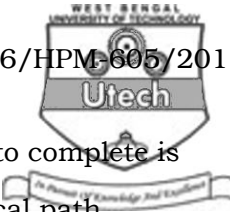
    a) Full form of SLP is

        i)   Systematic Layout plan

        ii)   Simple Layout plan

        iii) Systematic Layout planning

        iv)   Shown Layout plan.

    b) ROA means

        i)   Raturn on Assets   ii)   Research on Assets

        iii) Review on Assets   iv)   None of these.

c) The measurement of an assistant manager's cabin for a 500 room hotel is

i) 100 sq. ft   ii) 150 sq. ft

iii) 200 sq. ft   iv) None of these.

d) Size of attached bathroom in a double room of a 5 star hotel is

i) 40 sq. ft   ii) 45 sq. ft

iii) 36 sq. ft   iv) None of these.

e) CPM stands for

i) Communist Party Marxvadi

ii) Critical Path Method

iii) Critical Procedure Method

iv) Consumer Product Manual.

f) CPM and PERT both come under

i) Material Management System

ii) Network System

iii) Work System

iv) None of these.

g) The event with zero slack time is known as

i) Critical Activity   ii) Critical Event

iii) Simple Event   iv) Dummy activity.

h) The path which takes maximum time to complete is

   i) PERT path   ii) Critical path

   iii) Dummy Activity   iv) None of these.

i) A project is completed only when

   i) Longest path is traversed

   ii) Shortest path is traversed

   iii) Does not depend on time

   iv) None of these.

j) The expected time (T_e) in PERT =

   i) $T_e = (T_o + T_m + T_p)/6$

   ii) $T_e = (T_o + 4T_m + T_p)/6$

   iii) $T_e = (T_o + T_m + T_p)/2$

   iv) $T_e = (T_o + T_p)/2$.

GROUP – B

(Short Answer Type Questions)

Answer any *three* of the following. $3 \times 5 = 15$

2. Discuss facilities planning process.

3. Write the objectives of facility planning.

4. Draw a two-dimension diagram of a 5 star kitchen and label it neatly.

5. State the importance of network system

6. State the difference between EST and LST.

GROUP – C

(Long Answer Type Questions)

Answer any *three* of the following.   3 × 15 = 45

7.   Write a short note on SLP with a figure.

8.   Discuss briefly the importance of managing physical assets in hospitality industries.

9.   Write the comparison between CPM and PERT along with their applications.

10. The following table gives the activites in a construction project and other relevant information :

Activity :   1-2   1-3   2-3   2-4   3-4   4-5

Duration : 20   25   10   12   6   10

   i)   Draw the network for the project.

   ii) Find critical path

   iii) Find Free, Total and Independent floats for each activity.

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