Q.1. Explain the basic considerations in the design of a hotel. (10)

Q.2. With the help of a neat diagram explain the systematic layout planning pattern (SLP). Explain the fundamentals of SLP. (5+5=10)

Q.3. Write short notes on any four of the following:
   (a) Car parking plan for a business hotel  (b) Flow of material/work
   (c) Phases of layout planning  (d) Food grade steel
   (e) Feasibility report  (f) Network crashing
   (4x 2 ½ =10)

Q.4. Give the criteria for classifying a four star hotel as per the latest classification guidelines of the Ministry of Tourism, Government of India. (10)

Q.5. Explain the factors that affect layout and design of a commercial kitchen and explain the various layout configurations with the help of a neat diagram. (10)

OR
What are the factors to be considered while planning of various supporting services? Give the specification for any two of the following kitchen equipment:
   (a) Brat pan
   (b) Idly steamer
   (c) Chapatti plate with puffer
   (5+2 ½ + 2 ½ =10)
Q.6. Explain in 1-2 lines any ten of the following terms:
(a) Carpet area (b) Plinth area
(c) Dummy activity (d) Blue print
(e) FSI/FAR (f) Ventilation hood
(g) SWG (h) Critical path
(i) Atrium (j) Slab plan
(k) Circulation (l) Soldering

(10x=10)

Q.7. Explain the procedure for developing specification for various kitchen equipment. List ten equipment required for smooth functioning of commercial kitchen.

(10)

Q.8. Explain the importance of kitchen stewarding in a hotel. Explain the work flow and the equipment required for smooth functioning of store department.

OR

Draw the layout of a commercial kitchen store. List all the equipment required for the smooth functioning of a store.

(5+5=10)

Q.9. Explain the methods of conserving energy in different areas of hotel.

OR

Discuss the various facilities to be provided for differently abled guest in a hotel.

(10)

Q.10. (a) Distinguish between CPM and PERT.
(b) Draw the network diagram for the given project and find out the critical path:

<table>
<thead>
<tr>
<th>Activity</th>
<th>Predecessor Activity</th>
<th>Time estimate (Days)</th>
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</thead>
<tbody>
<tr>
<td>A</td>
<td>----</td>
<td>3</td>
</tr>
<tr>
<td>B</td>
<td>A</td>
<td>4</td>
</tr>
<tr>
<td>C</td>
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<td>5</td>
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<tr>
<td>D</td>
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<td>6</td>
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<td>7</td>
</tr>
<tr>
<td>G</td>
<td>E,F</td>
<td>3</td>
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(5+5=10)

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