



|  |  | what will be the forecast for week after that? |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | c. | "Aggregate Production Plan is chalked out to meet demand by balancing supply on period by period basis". Utilize the above statement by bringing out commonly used demand modifiers as well as different supply altering techniques. | 6 | 3 | 3 |  |
| Q. 5 |  | Answer Any two from the following. |  |  |  |  |
|  | a. | Explain scheduling explain its important in manufacturing organization. Illustrate the characteristic features of the two main work scheduling or loading methods and their underlying assumptions. | 6 | 2 | 2 |  |
|  | b. | Classify different ways for expressing capacity? How are they related? Explain the terms capacity utilization and capacity management? | 6 | 2 | 2 |  |
|  | c. | Explain Master Production Schedule (MPS)? | 6 | 2 | 2 |  |
| Q. 6 |  | Answer Any two from the following. |  |  |  |  |
|  | a. | What is a cellular layout? What are its features and applicability. How does it combine the features of product and process layout? | 6 | 1 | 1 |  |
|  | b. | When MPS enforces the same rules as that of MRP, why is it needed? | 6 | 1 | 1 |  |
|  | c. | Why MRP II is the more developed and refined version of MRP I? <br> How MRP II has evolved into ERP? <br> What do you understand by best practices codified into these packages? What are the deployment options for ERP and issues concerning their implementation. | 6 | 1 | 1 |  |

