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UNIVERSITY OF PETROLEUM & ENERGY STUDIES
DEHRADUN

End Semester Examination – Dec., 2018
Subject: Logistics in Manufacturing Sector
Code : BBDL 114
No. of page/s:2

Program/course : BBA LM Sem. V
Max. Marks : 100
Duration: 3 Hrs.

Part A (Fill in the blanks)

Total 20 Marks

Each question carries 2 marks.

1. ABC analysis is carried out on the basis of	CO 1
2. ERP covers resources like	CO 2
3. Safety stock covers uncertainty in and	CO 4
4. Private warehouses have higher but lower	CO 2
5. Putting material in a bonded warehouse requires filing of a and debonding them requires a	CO 1
6. Some of the performance criteria for any warehouse are, and	CO 1,2
7. The practice of simultaneous transferring material from multiple incoming docks to multiple dispatch docks is called	CO 2
8. Working capital includes, and	CO 1
9. Space utilization efficiency in a warehouse is now calculated using available	CO 1,2
10. The cheapest form of domestic working capital is	CO 3

Part B (Answer any 4)

Total 20 Marks

Each question carries 5 marks.

Write short notes on:

1. Cross Docking	CO 2
2. ABC-VED analysis	CO 1
3. Letter of credit	CO 3
4. Warehouse material handling	CO 2
5. Safety Stock	CO 1

Part C (Answer any 2)**Total 30 Marks**

Each question carries 15 marks.

1. Compare and contrast public and private warehouses and their relative cost structure. From a user viewpoint, what are the factors they should consider while deciding choice of warehouse for use?	CO 1,2&4
2. What are the various elements of working capital for manufacturing organisations sanctioned by banks and how do they decide how to allocate under different heads?	CO 3
3. What are the main functions of a warehouse in any manufacturing organization and what productivity measures are used to appraise their performance?	CO 1,2

Part D (Compulsory)**Total 30 Marks**

XYZ Ltd. has been facing a problem with high stocks of raw materials, components, WIP and finished goods. Demand uncertainty and erratic lead times have caused their re order levels to be set at high levels (including large safety stocks). Even with high stocks there are customer complaints about availability of products. The problem has reached a very high magnitude and the senior management of XYZ have been told by their bankers that no further working capital will be sanctioned and that urgent action needs to be taken to reduce inventories and better manage working capital. The total number of items is about 10000 different SKUs.

1. What action needs to be initiated by the senior management of XYZ to overcome the crisis? 10 Marks	CO 2,3
2. Examine alternatives and discuss their relative merits and demerits. 10 Marks	CO 1,3,4
3. Allocate responsibility for execution of the plan amongst the various departments and justify. 10 Marks	CO 3