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B.VOC
(SEM V) THEORY EXAMINATION 2021-22
PLANT LAYOUT & PRODUCT HANDLING

Time: 3 Hours**Total Marks: 30****Note: 1.** Attempt all Sections. If require any missing data; then choose suitably.**SECTION A****1. Attempt all questions in brief.****1 x 6 = 6**

Qno.	Question	Marks
a.	Define Warehouse.	1
b.	What is Plant Layout?	1
c.	Write Full Form Of AGVS.	1
d.	Write Down Objective Of Plant Layout.	1
e.	What are the types Of Plant Layout?	1
f.	What is Product Layout?	1

SECTION B**2. Attempt any three of the following:****3 x 3 = 9**

a.	Write a Short Note On Automated Guided Vehicle (AGVS).	3
b.	What are Different types of Conveyors? Explain any one.	3
c.	Explain the Layout Function.	3
d.	Explain any two types of Elevators.	3
e.	Write a short Note on Automated Transfer Lines.	3

SECTION C**3. Attempt any one part of the following:****1 x 3 = 3**

a.	Write Down the Use Of Robots in Product Handling.	3
b.	What are Flow Process Charts? Explain	3

4. Attempt any one part of the following:**1 x 3 = 3**

a.	Explain any one type of Layout Problem.	3
b.	What are Process Charts? Explain	3

5. Attempt any one part of the following:**1 x 3 = 3**

a.	Explain the term Fork Lifters.	3
b.	What is CRAFT? Explain	3

6. Attempt any one part of the following:**1 x 3 = 3**

a.	State the advantages and Disadvantages Of Product Handling.	3
b.	Write down the Factors Influencing the Plant layout.	3

7. Attempt any one part of the following:**1 x 3 = 3**

a.	State the objectives of Good Plant Layout.	3
b.	Write a Short Note On Automated Packing Devices.	3