No. of Printed Pages : 3

MFW-033

00075

M.Sc. IN FOOTWEAR TECHNOLOGY (MSCFWT)

Term-End Examination

June, 2012

MFW-033 : PRODUCTIVITY AND PRODUCTION AND OPERATOR MANAGEMENT

Time : 3 Hours *Maximum Marks : 70*

Note : *Attempt **only seven** questions.*

1. Match the following situations with the most suitable layout type. **10**

Sl. No.	Description	Sl. No.	Type
1	High production volume, Low variety	A	Fixed type
2	Low volume, high variety	B	Product layout.
3	Grouping in families of similar products	C	Process layout.
4	Unit production of very large product	D	Cellular (Modular) Type

2. What are the prerequisites for the PPC ? How work order preparation is carried out in job shop production ? Give steps only. **10**

3. Discuss effect of the following on the scheduling : **2.5x4=10**

(a) Machine loading

(b) Rush order

(c) Job priority

(d) Effective capacity of the machine.

4. Write down merits and demerits of the feeder-operator feeder vs feeder-operator-operator. **10**

5. Explain the following **(Any four)** : **2.5x4=10**

(a) World class company.

(b) Global Company.

(c) Multinational

(d) National

(e) Regional

6. What are the different types of documents, which are required for the clicking department for production & C ? Explain it underlining the importance of the inputs and output information. **10**

7. A toecap oxford shoe has 10 upper components. Which are made of cow e.g. leather black colour having grade 2. It has 8 lining components (02 vamp lining, 04 quarter lining, 02 heal grip). All dies are new and there is possibility of cutting tongue from scrap leather. The polypropylene board is new. A total of 50 pairs are to be cut with following range : 6/15, 7/20, 8/15. Calculate the standard time. Also if the shop efficiency is 85% and operator efficiency is 75% how many machines will be needed for 1000 pairs/Shift production ? **10**

8. Describe material planning in relation to costing sheet including budgeting and control of material. **10**

9. Draw the classification chart of clicking dies. **10**

10. Write down the difference between production planning and production control. **10**