

Student's Roll No.		-		-		-					
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# ST. XAVIER'S COLLEGE (AUTONOMOUS)

**3rd SEMESTER EXAMINATION  
B.B.A.  
NOV - DEC 2010**

**PRODUCTION MANAGEMENT**

**PRMA3301**

Monday, December 06, 2010 9:30 am to 11:30 am

Time allowed: **2 hours**

Full Marks: **50**

### **Instructions:**

- Use fountain pen or ball-point pen of blue or black ink.
- Answer in your own words as far as practicable.
- Do not write anything on the Question paper other than your Roll No.

### GROUP – A

Answer **ANY FIVE** questions:

(5×2=10)

1. (a) What type of layout is preferred for execution of project works?  
(b) How does a product differ from a project?  
(c) Name the type of production followed in steel plants. Give a reason.  
(d) What are the control charts used for attributed qualities of products?  
(e) State 2 factors influencing facility layout.  
(f) Give names of two systems where gravity force is mainly used for handling materials.  
(g) 'No handling is the best handling' – What is the implication of the statement in selecting good material handling equipment?

### GROUP – B

Answer **ANY FOUR** questions:

(4×10=40)

2. (a) When a factory does not have any Standardized product, what type of layout it should follow? Outline the general characteristics for such a layout.  
(b) For such a factory, what Production Planning and Control (PPC) activities are to be adopted normally? Explain. (5+5)
3. (a) Write down the expression relating to Normal time, Standard time, and Standard allowance. In the computation of standard allowance, what individual components are considered?  
(b) Enumerate the advantages of work sampling over stop watch time study. (5+5)
4. (a) What are the consequences of not following the quality control system properly in a manufacturing organization?  
(b) When can a factory layout be called poor layout? Explain. (5+5)
5. (a) For handling of liquid materials continuously, what type of material handling equipment would you recommend and why?  
(b) For such equipment what type of maintenance would you prefer? (5+5)
6. (a) Why inspection is called as a post mortem system? What are the major differences between inspection and quality control?  
(b) In your opinion, how do you think poor maintenance of machines may affect the quality of a product? (5+5)
7. (a) What measures can be taken to increase the performance of the workers/operators?  
(b) Elaborate the role of MRP in Production Planning. (5+5)
8. Write short notes on (**any two**): (5×2=10)  
(a) Construction of Statistical Control Charts.  
(b) Predictive maintenance vs Preventive maintenance.  
(c) Principles of motion economy.

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