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Total Number of Pages: 02

MBA(P)
PTMNG301

3rd Semester Regular Examination 2017-18

Operations Management

BRANCH : MBA (PT)

Time: 3 Hours

Max Marks: 100

Q.CODE: B716

Answer Question No.1 and 2 which are compulsory and any four from the rest.
The figures in the right hand margin indicate marks.

- Q1 Answer the following :** (2×10)
- Blood bank location is a-----location problem.
 - Line balancing is applied to ----- products.
 - The basic aim of ----- layout is to identify families of components that require similar p[rocessing on a set of machine.
 - The basic input of MRP is -----.
 - - technique is event oriented.
 - In two handed process chart ----- symbol is absent
 - Mean chart is used to control a ----- quality.
 - error is the probability of rejecting a bad lot.
 - The other name of consumer risk is called-----.
 - Planned ordered release quantity is equal to -----.
- Q2 Answer the following Questions :** (2×10)
- What are the different types of productivity?
 - What are the limitations of Process layout?
 - Explain the importance of LOB ?
 - Which type of layout is suitable for Job production system?
 - What are the costs associated in aggregate planning ?
 - What is Cost of quality?
 - What are the different allowances used in time study?
 - What are the different symbols used in Flow process chart?
 - Explain Single sampling Plan ?
 - What is Vertical integration ? Give an example.
- Q3**
- Explain different types of production system? (7.5)
 - Explain any two location model with giving suitable Example. (7.5)
- Q.4**
- Explain different types of Plant layout and also explain its advantages and disadvantages. (7.5)
 - What are the techniques used to improve productivity? Explain. (7.5)
- Q.5** Consider the following problems involving activities from A to H as given in below table. (15)

Activity	Immediate Predecessor	t _o (days)	t _m (days)
A	-	1	2
B	-	2	2
C	A	6	7
D	B	1	2
E	A	1	4
F	C,D	1	5
G	C,D,E	1	2
H	F	1	2

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