C 24230   (Pages : 2)   Name..................................

Reg. No..................................

SECOND SEMESTER M.B.A. DEGREE EXAMINATION, JUNE 2017

(CUCSS)

BUS 2C 12—OPERATIONS MANAGEMENT

(Regular FT—2016 Admissions)

Time : Three Hours   Maximum : 36 Weightage

Part A

Answer **all** *the questions (1 weightage to each)*

1. What do you mean by work sampling.

2. Explain VED analysis.

3. Define standardization.

4. What is Kaizen.

5. What is production control.

6. What is line balancing.

(6 × 1 = 6 weightage)

Part B

Answer any **four** *from the below questions (3 weightage to each).*

7. Explain ABC analysis of inventory management.

8. Explain ISO 9000 and its benefits.

9. Describe break even analysis. Explain how it is useful for capacity planning.

10. What do you mean plant layout ? What are the different types of plant layouts ?

11. Explain the material handling equipments and principles.

12. Distinguish between work study and method study.

(4 × 3 = 12 weightage)

Turn over

Part C

Answer any **three** *from the following questions (4 weightage to each).*

13. Explain business process outsourcing.

14. Discuss ERP solutions and functionalities in Operations Management.

15. Explain Total Quality Management.

16. Discuss nature and scope of Production and Operations Management.

17. Explain Statistical process control.

(3 × 4 = 12 weightage)

Part D

Answer the **compulsory** *question below (6 weightage).*

18. Consider the following problem involving activities from A to J :

Activity	Immediate Predecessor (s)	Duration (months)
A	—	1
B	A	4
C	A	2
D	A	2
E	D	3
F	D	3
G	E	2
H	F,G	1
I	C,H	3
J	B	2

(a) Construct the CPM network.

(b) Determine the critical path.

(c) Compute total floats and free floats for non -activities.

(1 × 6 = 6 weightage)