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Total No. of Questions : 5]

SEAT No. :

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[6648]-721
S.Y. M.B.A.
OPERATIONS & SUPPLY CHAIN MANAGEMENT
OSCM 611 MJ : Productivity Management
(2024 Pattern) (Semester - III)

Time : 2½ Hours] *[Max. Marks : 50*

Instructions to the candidates:

1) *All questions are compulsory.*
2) *Figures to the right indicate full marks.*

Q1) **Answer any 5 out of 8 :** **[5 × 2 = 10]**

a) What is partial productivity?

b) Why is productivity considered a key performance indicator for organizations?

c) State any two reasons for low productivity in organizations.

d) What is meant by 'function' in Value Analysis?

e) What is a man–machine chart?

f) What is meant by motion economy?

g) Why are allowances added while computing standard time?

h) Mention any two objectives of Six Sigma.

Q2) **Answer any 2 out of 3 :** **[2 × 5 = 10]**

a) Explain different kinds of productivity measurement.

b) Explain the relationship between cost, value and productivity.

c) Explain the role of process charts in method study.

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Q3) **Answer any 1 out of 2 :** **[1 × 10 = 10]**

a) Explain productivity, its importance and advantages of improved productivity.

OR

b) Explain factors affecting productivity and methods to improve them.

Q4) **Answer any 1 out of 2 :** **[1 × 10 = 10]**

a) Explain the procedure of Value Analysis with suitable examples.

OR

b) Explain method study procedure and its contribution to productivity improvement.

Q5) **Answer any 1 out of 2 :** **[1 × 10 = 10]**

a) Explain the importance of performance rating and allowances in work measurement.

OR

b) Explain the role of Lean manufacturing and TPM in achieving world-class productivity.

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