

Total No. of Questions : 12]

SEAT No. :

P1147

[Total No. of Pages : 2

[4659]-507

**B.E. (Production) (Semester - II)**

**MATERIALS AND FINANCIAL MANAGEMENT**

**(2003 Pattern)**

*Time : 3 Hours]*

*[Max. Marks : 100*

*Instructions to the candidates :*

- 1) *Answer three questions from each Section.*
- 2) *Answers to the two sections should be written in separate answer books.*
- 3) *Neat diagrams must be drawn wherever necessary.*
- 4) *Figures to the right indicate full marks.*
- 5) *Assume suitable data, if necessary.*

**SECTION - I**

- Q1)** a) Explain various functions and objectives of materials management. [9]  
b) Rate of return can be increased by proper inventory decisions. Justify.[9]

OR

- Q2)** a) Derive an equation for economic batch quantity of finished goods inventory when stock outs are permitted. [9]  
b) Explain the following : [9]  
i) V-E-D Analysis.  
ii) F-S-N Analysis.

- Q3)** a) Explain supply chain of agriculture industry. State the factors to be improved for effective supply chain. [8]  
b) Explain various factors that affect transportation cost. [8]

OR

- Q4)** a) Explain Logistical information system (LIS). State the principle of LIS.[8]  
b) Explain following terms of warehouse management. [8]  
i) Consolidations.  
ii) Break Bulk.  
iii) Cross Docking.  
iv) Stock Pilling.

**P.T.O.**

- Q5)** a) Explain waste disposal system. [8]  
b) Explain phases of Value Analysis with suitable example. [8]

OR

- Q6)** a) Explain use of computers/internet in materials management. [8]  
b) Explain any two documents of importing in brief. [8]

**SECTION - II**

- Q7)** a) Explain various objectives of financial management. [8]  
b) Define Ratio Analysis. Explain and state the advantages and limitations of financial ratios. [8]

OR

- Q8)** a) Explain and differentiate between fixed and working capital with suitable illustration. [8]  
b) Explain Break Even analysis. How does the use of financial leverage affect the break-even-point? Illustrate. [8]

- Q9)** Explain methods of depreciation. [16]

OR

- Q10)** Explain any four methods of incentive plans with illustration. [16]

- Q11)** a) Explain types of overheads. Explain Primary and Secondary apportionment. [9]

- b) Explain the following : [9]

i) Primary apportionment.

ii) Secondary apportionment.

OR

- Q12)** Write short note on : [18]

a) Variance analysis.

b) Capital budgeting.

c) Marginal costing.

