

Con. 5861-07.

M.E (Civil) (Cont. mgmt Sem-III) PTD
(Further Rev.) Management of
[FURTHER REVISION] Resources
(4 Hours)

02/01/08
1.30 to 3.30
B. 8766
Master
F. K. G.

[Total Marks : 100]

- N.B. : (1) Question No. 1 is compulsory.
 (2) Attempt any four questions from the remaining six questions.
 (3) Assume suitable data where necessary and state it clearly.

Que. 1 a) Determine owning and operating cost per hour for excavating equipment from following data:

12

Purchase cost = Rs. 30 lakhs

Useful life = 10 years (2000 hours /year)

Engine = 30 H.P. Diesel.

Salvage value = 10% of purchase cost.

Assume

Maintenance and repair cost = 100% of depreciation

Investment cost = 12% of average annual investment

Operating factor = 0.8

Lubrication = 25% of the fuel cost.

b) Discuss the different methods of depreciation with suitable example.

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Que. 2 a) explain clearly the various factors to be considered in working out the cost of equipment.

10

b) what do you mean by H.R. planning? Give a detailed account of the steps involved in H.R. planning.

10

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P4/RT-Ex-07-27'S Mgt, g. Cond'n Resources.

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- Que. 3 a) Enumerate and discuss in detail the various factors to be considered in the Selection of construction equipment. 10
- b) What do you mean by collective bargaining? What are the conditions for successful collective bargaining? 10
- Que. 4 a) Explain the importance of Material management. 10
- b) Explain the advantage of Integrated Material Management. 10
- Que. 5 a) "ABC analysis is a basic Analytical management tool" discuss. 10
- b) The annual demand is 10000 units, the ordering cost Rs.1200 per order, the carrying cost 20%, and the unit cost is Rs. 600.the order quantity is 600 units. Calculate:
- i) Annual ordering cost
 - ii) Annual carrying cost
 - iii) Total annual cost.
- c) An item has an annual demand of Rs.20,000/-, preparation cost of Rs. 800/- per order , and a carrying cost of 20%. What is the EOQ? 10
- Que. 6 a) you are appointed as a project manager for a Hydro-Electric project. You are Required to recommend the considerations in the appropriate choice of equipments for the project. 10
- b) Discuss performance appraisal as an essential management tool. 10
- Que. 7 a) Explain the factors responsible for cordial industrial relations. Give an account Of the impact of strikes and lockout on industrial relations in a large organization. 10
- b) what are the functions of material management? 10