

3

(Time: 3 Hours)

[Total Marks: 80]

QP. Code: - 10085981

NOTE:

- Question No 1 is compulsory
- Attempt any three questions out of remaining five questions
- Figures to the right indicates full marks

Q.1 Attempt any Four

20

- Explain SWOT analysis.
- Explain in brief project appraisal?
- Discuss in brief about evaluation of secondary information.
- Describe importance of location and site in technical appraisal
- Illustrate breakeven analysis.
- Illustrate types of sources of infrastructure project finance.

Q.2 A) Explain phases in project development cycle of major infrastructure project.

10

B) Describe casual methods of demand forecasting.

10

Q.3 A) How would you evaluate appropriateness of a technology? Explain in detail .

10

B) What are various organizational structures? Explain in detail desirable organizational structure for infrastructure project.

10

Q.4 A) A concrete mixer has following cash flow details: i) initial purchase price=Rs.8, 50,000, ii) annual O&M cost=Rs.45, 000. iii) Salvage value=Rs2, 10,000. iv) Useful life= 10 years, v) operating cost of mixer Rs.30 per hour, vi) production rate of concrete mixer is 0.1 m³ per hour. The revenue to be generated from production of 1m³ of concrete is Rs.1000. The interest rate is 11% per year. Find the quantity of concrete need to be produced per year so that revenue generated break evens with expenditure.

10

B) Explain in detail issues related to project finance.

10

Q.5 A) ABC Ltd wants to expand its business and so it is willing to invest ₹15,00,000. The investment is said to bring an inflow of ₹2,00,000 in first year, 3,50,000 in the second year, 4,50,000 in third year, 3,65,000 in fourth year and 5,15,000 in fifth year. Assuming the discount rate to be 9%. Calculate NPV.

10

B) What are the different methods to determine profitability of a project.

10

Q.6 A) Write short note on (any two)

10

i) BOT, ii) BOOT, iii) BLT

B) Explain in detail payback period and cost of capital

10
