

SCHOOL OF PLANNING AND ARCHITECTURE, VIJAYAWADA

SEMESTER END EXAMINATIONS (REGULAR) NOVEMBER - 2016

B. ARCH IV YEAR VII SEMESTER BUILDING MANAGEMENT (BM-7) (BUILDING ECONOMICS)

Maximum Marks – 60

Time – 2 ½ Hours

a) Answer any Two questions out of Ito 4 questions.

b) Question No.5 is compulsory and answer any four out of six sub-questions.

c) Calculator can be used.

- Q1. The market for cement bags has the following demand (10+10) and supply schedule.

Price of each Cement bag (In Rs.)	Quantity demanded (no. of bags)	Quantity supplied (no. of bags)
80	20	11
100	17	13
125	14	14
150	12	15
175	11	16
200	10	17

- a) Plot the supply and demand curve and determine the equilibrium price and quantity.
- b) Discuss the possibility of shift and movement. (Draw curves/graphs).
- Q2. For the following cash flows for a Project A, Calculate (20M) NPV and IRR for the following discount rate – 10%, 12%, 15%

C ₀	C ₁	C ₂	C ₃	C ₄
2,40,000	25,000	75,000	90,000	1,00,000

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Q3. Write briefly the differences between Capital Intensive (10+10) and Labour Intensive Projects. Discuss the pros and cons.

Q4. a) What is the difference between income statement (10+10) and cash flow statement?

b) Write briefly about the sources of financing for projects in India.

Q5. Write short notes on any FOUR of the following: (4x5=20M)

- a) Monopoly (with an example).
- b) Define (i) GDP (ii) NNP
- c) Carrying amount and Value in Use.
- d) Instruments to control inflation.
- e) Difference between compound interest and simple interest.
- f) Calculate present value for an income stream which provides Rs.2500 at the end of year one, Rs.3000 at the end of year two and Rs.4000 for next two years, if discount rate is 10%.
