

SUBJECT: ENGINEERING ECONOMICS AND FINANCIAL ACCOUNTING

Day: Monday
Date: 13/05/2019

Time: 02.30 PM TO 05.30 PM
Max Marks.:60

S-2019-2553

N.B. :

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Assumer suitable data if necessary.
- 4) Use of non programmable calculator is allowed.

- Q.1 a) Differentiate between cost, price and value. (05)
b) What is utility value? (05)

OR

- Q.1 a) What is economics? Discuss its scope in construction industry. (05)
b) How land, labor and capital influence the production. (05)

- Q.2 a) A person want to make quarterly payments into an account that pays 8% compounded monthly. Calculate effective rate per quarter. (05)
b) What is the future value of Rs. 1,20,000/- today after 15 years if rate of interest is 8.5 % and 11.5 %. (05)

OR

- Q.2 a) How much should be invested today to get Rs. 10 lakh after 7 year with rate of interest 8% and 11%. (05)
b) With an interest rate of 8% compounded six monthly what is the value of Rs. 100000/- investment after 5 year. (05)

- Q.3 a) What is internal rate of return, net present value and benefit cost ratio? Give its formula. (06)
b) Explain future worth method with suitable example. (04)

OR

- Q.3 Determine NPV and BCR from following data. (10)

Year	0	1	2	3	4	5
Cashflow	-600000	150000	210000	230000	250000	180000

Take rate of interest 9.5 %.

- Q.4 a) What is depreciation? Discuss any one method of depreciation with suitable example. (05)
b) What is value analysis? (05)

OR

- Q.4 a) Discuss inflation with example. (05)
b) What is value engineering? (05)

- Q.5 a) What is financial statement? (05)
b) Discuss profit and loss account. (05)

OR

- Q.5 a) What is balance sheet? (05)
b) What is finance management? (05)

- Q.6 a) Differentiate between fix and working capital. (05)
b) What is the role of financial institution in economic development? (05)

OR

- Q.6 a) Discuss money and capital market in India. (05)
b) What is project budgeting? (05)

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