

Roll No.

Total Pages : 2

002702

December 2023

B.Tech. (Civil) VIIIth SEMESTER

Engineering Economics, Estimation and Costing

(PCC-CE309)

Time : 3 Hours]

[Max. Marks : 75

Instructions :

1. *It is compulsory to answer all the questions (1.5 marks each) of Part-A in short.*
2. *Answer any four questions from Part-B in detail.*

PART-A

1. (a) Write three difference between WPI and CPI. (1.5)
- (b) Define Commercial Bank. (1.5)
- (c) What is time value of money? (1.5)
- (d) What are price indices? (1.5)
- (e) Define MEP work. (1.5)
- (f) What are types of Specification? (1.5)
- (g) Define is material, labour and equipment cost. (1.5)
- (h) What do you mean by tender? (1.5)
- (i) Who is eligible for Workman Compensation Act? (1.5)
- (j) Explain NPV, ROI, IRR. (1.5)

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PART-B

2. (a) What are four major components of Indian Financial System? (10)
(b) Explain Direct and Indirect taxes with example. (5)
 3. (a) Explain Urbanization with example. (5)
(b) What is Rate analysis? Write its purposes. What are factors affecting it? (10)
 4. Explain meaning of Price elasticity of Demand and Supply. Explain its types and factors that impact it. (15)
 5. (a) What is business forecasting and write its types. (5)
(b) Explain Workman Compensation and Easement rights. (10)
 6. (a) What is Material Survey? Write thumb rule for computation of Material requirement for building. (10)
(b) Explain Direct and Indirect Overheads with example. (5)
 7. Explain in detail Specification required for building, roads, minor bridges and industrial structure. {15}
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