

Registration No

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Total Number of Pages: 01

B.Tech  
HSSM3204

3<sup>rd</sup> Semester Back Examination 2017-18

Engineering Economics and Costing

BRANCH: AEIE, AUTO, BIOTECH, CHEM, CIVIL,

CSE, ECE, EEE, EIE, ELECTRICAL, ETC, FASHION, IEE, IT, MANUTECH, MECH, MINING,  
MME, PE, PLASTIC

Time: 3 Hours

Max Marks: 70

Q.CODE: B967

Answer Question No.1 which is compulsory and any five from the rest.

The figures in the right hand margin indicate marks.

- Q1** Answer the following questions: (2 x 10)
- a) What do you mean by Income Elasticity of demand?
  - b) What is Macro Economics and its elements?
  - c) Describe the exceptions in the law of demand.
  - d) Distinguish between Opportunity Cost and Overhead cost.
  - e) If you wish to accumulate Rs.1, 40,000/-in 12 years, how much you must deposit today in an account that pays an annual interest 14%?
  - f) What do you understand by Diminishing Return to Scale?
  - g) How Annual Worth is calculated?
  - h) Write briefly about demand theories?
  - i) What do you mean by Maturity Transformation?
  - j) What is a Commercial Paper?
- Q2** Write briefly the nature and scope of economics by mentioning its significance. (10)
- Q3** a) Capital Market and Money Market (5)  
b) Causes of Depreciation (5)
- Q4** What are TVM, PVM, FVM and CAGR? Describe with examples (10)
- Q5** a) Declining Balance Method (5)  
b) Principle of Economic Equivalence (5)
- Q6** a) Importance of Law of variable Proportion (5)  
b) Demand Elasticity (5)
- Q7** a) What are the functions of Commercial Banks? (4)  
b) As the apex authority how RBI functions and guides other banks pertaining economic development and stabilization? (6)
- Q8** Write short notes on :- (5 x 2)
- a) Fixed Cost and Variable Cost
  - b) Present Worth Method
  - c) Cost-Benefit Analysis
  - d) Constant returns to scale.