

DEC-2018

No. of Questions : 10]

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SEAT No. :

[Total No. of Pages : 3

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T.E. (Computer Engineering)

FORMATION SYSTEMS AND ENGINEERING ECONOMICS

(2015 Pattern)

2½ Hours]

ctions to the Candidates:

i) Answer Q1 or Q2, Q3 or Q4, Q5 or Q6, Q7 or Q8, Q9 or Q10.

ii) Neat diagrams must be drawn wherever necessary.

iii) Figures to the right indicate full marks.

iv) Assume suitable data if necessary.

v) Use of scientific calculator is permitted.

[Max. Marks : 70

What is decision support system? How it is different from Transaction processing system? [5]

Explain the roles and responsibilities of information system manager. [5]

OR

Discuss the role of information system in business. [5]

What are various types of firewall? Explain advantages and disadvantages of each of them. [5]

Explain the following terms :

Supply chain management

ICT

E - Governance

Outsourcing

OR

P.T.O.

Q4) a) What are the controls in information security? List various types of controls. [5]

b) Write short note on : ERP. [5]

Q5) a) Explain the following : [8]

i) Business Economics and its scope.

ii) Engineering Economics decisions.

b) What is debt management? Explain. [8]

OR

Q6) a) Explain the following in detail : [8]

i) Rational decision making

ii) Time value of money.

b) Explain in brief "Understanding money management". Describe market interest rate in money management. [8]

Q7) a) What is inflation & deflation? Explain measures of inflation and inflation rate in detail. [8]

b) Explain the following terms : [8]

i) Reserve cash flow

ii) Cost cash flow

iii) Consumer price index

iv) Internal rate of returns

OR

Q8) a) Explain present - worth analysis in detail. [8]

b) Explain the following : [8]

i) Discounted cash flow method

ii) Accounting rate of return

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a) Explain in detail effect of inflation in project cash flow. [10]

b) Explain the following : [8]

- i) Break even analysis
- ii) Positive and negative cash flows

OR

c) Elaborate On cost classification while preparing financial statement. [10]

d) Explain the following : [8]

- i) Tangible and intangible assets.
- ii) Depreciation

