

Total No. of Questions : 6]

SEAT No. :

**P5694**

**TE/INSEM./OCT.-140**

[Total No. of Pages : 2

**T.E. (Computer)**

**INFORMATION SYSTEMS AND ENGINEERING ECONOMICS**

**(2015 Course) (310244) (Semester - I)**

*Time : 1 Hour]*

*[Max. Marks : 30*

*Instructions to the candidates:*

- 1) *Answer Q1 or Q2, Q3 or Q4, Q5 or Q6.*
- 2) *Neat diagrams must be drawn wherever necessary.*
- 3) *Figures to the right indicate full marks.*
- 4) *Use of calculator is allowed.*
- 5) *Assume suitable data, if necessary.*

- Q1)** a) What is an Information System? What are its major components? [4]  
b) List and explain various types of information Systems? [6]

OR

- Q2)** a) Small businesses have been slower to integrate information technology into their operations than larger companies. State reasons for the same. [5]  
b) What are the challenges that an information system manager faces in an organization? [5]

- Q3)** a) What are the trends in Information Systems as regards its various components? [4]  
b) What is e-Business? How has it affected the traditional business models? [6]

OR

- Q4)** a) What are the challenges in implementing and deploying an Computer-Based Information Systems? [4]  
b) List and Explain various threats and attacks possible on Information Systems. [6]

**P.T.O.**

- Q5) a)** What are the trade-offs of having an in-house ERP system verses an outsourced ERP system for a medium sized enterprise? [5]
- b) How are various existing Business Processes integrated with Information Systems? [5]

OR

- Q6) a)** Compare between Cloud based ERP verses an local custom built ERP system. [5]
- b) How has increasing use of Information and Communication Technology affected the fast spread and large scale acceptance of e-Governance? Explain with suitable examples? [5]

