



Name : .....

Roll No. : .....

Invigilator's Signature : .....

**CS/M.Tech(FT)/SEM-3/PGFT-301/2012-13**

**2012**

**INFORMATION SYSTEMS**

*Time Allotted : 3 Hours*

*Full Marks : 70*

*The figures in the margin indicate full marks.*

*Candidates are required to give their answers in their own words  
as far as practicable.*

**GROUP – A**

1. Choose the correct alternatives for the following :  $5 \times 2 = 10$

i) The abbreviated term ESS indicates

a) Economical Support System

b) Executive Support System

c) Extended Support System

d) none of these.

ii) Total number of components in IT infrastructure is

a) seven

b) six

c) four

d) eight.



- iii) Supply Chain Management system is a part of
- a) emerging technology
  - b) decision support system
  - c) enterprise application
  - d) customer relationship management system.
- iv) The number of major levels in IT infrastructure is
- a) two
  - b) three
  - c) four
  - d) six.
- v) "People, Technology and Information" these three primary resources are involved in
- a) Management Information System (MIS)
  - b) Decision Support System (DSS)
  - c) Executive Information System (EIS)
  - d) Transaction Processing System (TPS).

**GROUP - B**

Answer any *four* of the following.  $4 \times 15 = 60$

2. What do you mean by Information System ? What are the different components of Information System ? Why is Information System so important in business area ?
- 2 + 6 + 7
3. What do you mean by E-Security ? What is Moral Dimension ? Explain ethical & social issues in Information System.
- 4 + 4 + 7



4. What is IT infrastructure ? Write down several components of IT infrastructure. Explain different Hardware & Software platform trends of IT infrastructure. 2 + 3 + 10
5. What is *E-Commerce* ? What do you mean by Digital Market ? Explain Supply Chain Management system with proper diagram. 3 + 4 + 8
6. What is Database ? How can the database approach be used to improve business performance of IT industry ? What is Business intelligence ? 2 + 8 + 5
7. Write short notes on any *three* of the following : 3 × 5
  - a) Decision Support System (DSS)
  - b) Management issues in MIS
  - c) ERP
  - d) *E-Commerce* Payment System.

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