Registration No. :

Total number of printed pages – 2

Second Semester Examination – 2013

MIS AND ERP

QUESTION CODE : A 458

Full Marks – 70

Time : 3 Hours

Answer Question No. 1 and 2 which are compulsory and any four from the rest.
The figures in the right-hand margin indicate marks.

1. Answer briefly the following questions :   2 ×10
   (a) What is the difference between parallel and phased forms of IS conversion ?
   (b) What do you mean by Dumpster Diving ?
   (c) Suggest four ways so that employees can avoid being tricked by hackers.
   (d) Mention the benefits and challenges of an ERP.
   (e) What is the role of an Information audit ?
   (f) What is the need of presenting information in different form to different managerial level ?
   (g) What are the applications of E-Governance ?
   (h) What are the different categories of Supply Chain ?
   (i) Suggest what are the steps involved in a feasibility study.
   (j) Differentiate between programmable and non-programmable decision.

2. **Case Study :**

   When the joint venture between Titan and Timex came to an abrupt end after six long years of a strong relationship, all infrastructures that were created become non-functional. As a result, Timex had no distribution channels, no point of sale systems and even no databases in place to sustain business in the Indian continent. For the CIO of the Timex, it was a challenging task of setting the priority right and creates a strong IT infrastructure to revive the business. The parent company in the US was using Oracle based ERP system to manage

P.T.O.

all its business transactions, so the Indian counterpart decided to build the system around the same solution. CIO set the first priority to create a strong network of POS, as the distribution was not much at that point of time. At the subsequent stage, the IT department decided to create inventory, billing and order management systems.

Various technological solutions were evaluated and tested to transfer the POS data back to the company's main data server for intelligent data processing. The watch industry is quite dynamic in nature as the styles, textures and trends keep changing very fast. In order to keep analyzing the business patterns and demand analysis, the company needs the complete POS data on real time basis for data analytics. To achieve this, the company decided to implement power builder software to connect its POS terminals with the central databases. The proposed system was e-mail based batch processing system, which will send an e-mail to data centre at the end of the day. All e-mail received from various vendors are validated and uploaded into the Oracle ERP for managers to view and analyze.

   (a)   What was the strategy being followed by CIO of Timex ?   5

   (b)   Why Timex concentrated on developing POS network ?   5

3.   Why has prototyping become a popular way to develop business applications ? What are prototyping advantages and disadvantages ?   10

4.   What are your major concern about computer crime and privacy on the Internet ? What can you do about it ? Explain.   10

5.   Why are there so many conceptual classifications of Information System ? Why they are typically integrated in the information systems found in the real world ?   10

6.   (a)   Describe how MIS can be successfully implemented in the production department of a manufacturing organization.   5

   (b)   Compare and contrast between Linear cycle model and the Spiral model.   5

7.   (a)   What are the AITP standards of professional conduct ?   5

   (b)   Why the manager needs information, but not data ?   5

8.   What are the Executive Information System ? Draw its architecture and explain the systems on which it is dependent. Mention the various functions of EIS.   10

———————