C-1887

Second Year B.C.A. (Sem. IV) Examination
October / November – 2008
P-401 Information System
(New Course)

Time :   Hours]   [Total Marks : 70

Instructions :

(1)

> नीचे દર્શાવેલ ☛ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
> **Fillup strictly the details of ☛ signs on your answer book.**
>
> Name of the Examination :
> ☛ **S. Y. B.C.A. (Sem. 4)**
>
> Name of the Subject :
> ☛ **P-401 : Information Sys. (NEW)**
>
> ☛ Subject Code No. : | 1 | 8 | 8 | 7 | ☛ Section No. (1, 2,.....) : **Nil**

Seat No. :

Student's Signature

(2)   Figure on **right** indicates marks.

(3)   Make your own assumption.

(4)   Draw diagram where **necessary**.

1   Answer the following questions :   **14**

    (i)   What do you mean by feedback and control ? Give its importance.

    (ii)   Define computer based information system. List out 2 CBIS.

    (iii) Define E-commerce and M-commerce.

    (iv)   Define deterministic and probabilistic system.

    (v)   Define efficiency and effectiveness of system.

    (vi)   Give difference between GDSS and DSS.

    (vii) Define Drill down report and schedule report.

2   (a)   Explain in detail role of decision support system in any business. Also mention basic components of DSS.   **7**

    (b)   What are the different layers of management? What are the different types of information used at each layer? Discuss.   **7**

OR

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2 (a) Define MIS? List and explain its characteristics.   7

   (b) Classify the systems and explain each of them.   7

3 (a) Explain in detail concept of ERP.   7

   (b) Explain in detail with example how MIS can be   7
        used for making decisions.

OR

3 (a) Explain order processing system.   7

   (b) Explain purchase system in detail.   7

4 (a) Explain in detail activities performed in TPS.   7

   (b) Write a short note on Financial MIS.   7

OR

4 (a) Define DSS. Write characteristics of DSS.   7

   (b) Discuss Herbert Simon model of DSS.   7

5 Give a brief description showing subsystem of HOTEL.   14
   Explain how MIS will help to make decision at various
   levels. Also mention data files used and also mention
   reports generated from system.

OR

5 A Bank wants to develop an MIS to help to make   14
   decisions at various level. Explain how you will design the
   system. Also mention various data file used in it.
   Also mention reports can be generated by system.

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