



**RB-1865**

**Second Year B. C. A. (Sem. IV) Examination**

**April/May – 2010**

**P-401 : Information System**

Time : 3 Hours]

[Total Marks : 70

**Instructions :**

(1)

<p>નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.  <b>Fillup strictly the details of signs on your answer book.</b></p> <p>Name of the Examination :  <div style="border: 1px solid black; padding: 2px; display: inline-block;"><b>S. Y. B. C. A. (Sem. 4)</b></div></p> <p>Name of the Subject :  <div style="border: 1px solid black; padding: 2px; display: inline-block;"><b>P-401 : Information System</b></div></p> <p>Subject Code No. : <div style="border: 1px solid black; padding: 2px; display: inline-block; margin: 0 2px;">1</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin: 0 2px;">8</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin: 0 2px;">6</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin: 0 2px;">5</div>         Section No. (1, 2,...): <div style="border: 1px solid black; padding: 2px; display: inline-block;"><b>Nil</b></div> </p>	<p>Seat No. :  <div style="display: flex; justify-content: space-around; margin-top: 5px;"> <div style="border: 1px solid black; width: 20px; height: 20px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px;"></div> </div> <div style="border: 1px solid black; border-radius: 10px; height: 80px; margin-top: 10px; display: flex; align-items: center; justify-content: center;"> <p>Student's Signature</p> </div> </p>
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- (2) Figures on **right** indicate marks.
- (3) Question paper contains **5** questions of 14 marks each.
- (4) Make assumption where necessary.
- (5) Draw figures where **necessary**.

**1 Answer the following : 14**

- (i) Mention characteristics of MIS.
- (ii) In which way system performance can be measured?
- (iii) List the characteristics of valuable information.
- (iv) What do you mean by accurate and correct information?
- (v) Differentiate between Data and Information.
- (vi) Define Batch processing system.
- (vii) Differentiate between probabilistic and deterministic system.

**2 (a) Explain work flow of a banking activities in detail. 7**

**OR**

- (a) What are different stages of problem solving ? Explain 7  
each of them with example.
- (b) Write a note on Financial MIS. 4
- (c) Discuss limitation of DSS. 3

**3 (a) Write a note on Traditional Transaction Processing 10  
Methods.**

**OR**

- (a) Explain order processing system. Also state input process, output process for a traditional TPS that support order processing of a business. **10**
- (b) Differentiate between MIS and DSS. **4**
- 4 (a) Explain architecture of ERP and also explain how ERP can be implemented. **7**

**OR**

- (a) What is manufacturing MIS? What are its subsystems and outputs ? **7**
- (b) Which are the documents associated with information flow with business ? **4**
- (c) Differentiate between programmed and non-programmed decision. **3**
- 5 Explain how MIS can help you to take decision at various levels with various subsystems of Surat District Cooperative Bank. Also mention 10 MIS reports generated from it. **14**

**OR**

- 5 Give brief description showing subsystem of 5 star hotel. Explain how information system will help you to make decision at various levels. Mention 10 MIS reports from this subsystem. **14**

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