JA-3780
Third Year B. C. A. (Sem. V) Examination
March/April – 2013
ISAD

Time : 3 Hours]   [Total Marks : 70

Instruction :

নীচে দর্শাবেল ☛ নিশানীবাળী বিগতো উत્তরবহী पર અવશ્য লખবી.
Fillup strictly the details of ☛ signs on your answer book.

Name of the Examination :
☛ T. Y. B. C. A. (SEM. 5)

Name of the Subject :
☛ ISAD

☛ Subject Code No. | 3 | 7 | 8 | 0 | ☛ Section No. (1, 2,.....) | Nil

Seat No. :

Student's Signature

1   Write in short : (any seven)   **14**
   (a)   Define probablistic system.
   (b)   Difference between open and closed system.
   (c)   What are logical DFD ?
   (d)   Define stamp coupling.
   (e)   What is record review ?
   (f)   Define boundary and environment of a system.
   (g)   What is data capture ?
   (h)   What are Mnemonic code ?

2   (a)   Explain system elements in detail.   **7**
   (b)   Advantages of SSDAM.   **8**
                              OR
   (a)   Write a note on arid chart.   **8**
   (b)   Write a note on HIPO.   **7**

3   Short notes : (any three)   **15**
   (a)   Difference between physical and logical DFD.
   (b)   Decision table
   (c)   Difference between natural and artificial system.
   (d)   Role of SDLC.

4   Any two :   **16**

    (a)   Pros and cons of structured programming.

    (b)   Principles of code design.

    (c)   Coupling.
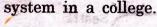
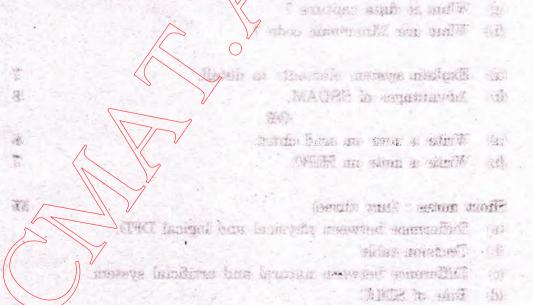**5**   Draw system flow chart of inventory system in a   **10**
     manufacturing company.

<div align="center">

OR

</div>

    Draw context level, first second level flow chart of payroll
    system in a college.

JA-3780]   2   **[1400]**