

Q.X Discuss important components of information system.

Draw a chart/bridge using the following components of Information System.

- (a) Hardware
- (b) Program
- (c) Data
- (d) Procedures
- (e) People

Q.XI (a) Discuss drawback of prototype approach.

(b) Compare Japanese and Western managers IT (Decision) views.

Q.XII Discuss major application areas of A.I. in following—

- (a) Cognitive Science Application
- (b) Robotic Application
- (c) Natural Interface applications

Q.XIII Write short notes on (any two)—

- (a) Due pont model of ROI
- (b) Information Processing
- (c) Vertical and Horizontal integration system

Total No. of Questions : 13

Total No. of Printed Pages : 4

## DC-219

M.B.A. (Illrd Sem.) (F.T.) Examination-2013

### DECISION SUPPORT

Paper - CP-302

*Time Allowed : Three Hours*

*Maximum Marks : 80*

#### Section-A

**Note :** Section A contain eight short answer type questions out of which any four must be attempted. Each question carries 8 marks.

Q.I Discuss important factors those are responsible for resistance to MIS.

Q.II Discuss all six different stages of "Nolans Stage Hypothesis".

or

Discuss 'Simons Model of Flowchart for Decesion Process'.

(2)

- Q.III It is worth to invest for obtaining perfect information ?  
Is it possible to specify the perfect information ?
- Q.IV Explain how MIS support Risk Mitigation, Monitoring and Management plan.
- Q.V What is information overload ? How does it occur ?  
How would you control it ?
- Q.VI (a) Describe and distinguish among CAD, CAM and CIM.  
(b) What is virtual reality ? Can AI (Artificial Intelligence), solve its problem-discuss.
- Q.VII **Choose the correct options giving short explanation (50 words maximum)—**  
(a). A collection of mathematical models and analytical technique is known as .....  
**(Model Base / Neural Network / Robotics)**  
(b) Changing revenues and taxes rates to see the effect on net profit after taxes is known as .....  
**(What-if-analysis / Goal seeking / sensitivity analysis)**  
(c) Attempt to find patterns hidden in business data in a data warehouse is known as .....  
**(Decision structure / Datamining / Fuzzy Logic)**

(3)

- (d) End users frequently resist the introduction of new technology is known as .....

**(SWOT analysis / End user Resistance / End user involvement)**

..VIII Write short notes on (any two)—

- (a) Codd's rule  
(b) DSS Generator  
(c) Risk analysis

### Section-B

**Note :** Section B contains five long essay type questions out of which any three must be attempted. Each question carries 16 marks.

- Q.IX "It is estimated that 70% of programmers and analyst resources are being devoted to maintenance of existing programs. Correction of bugs will be virtually complete after the first year.

(Although there may be latent errors). Enhancement continue to be done on a fairly regular basis. Over a five years period bug correction plus enhancement may average about 50% of original development cost".— Comment and give suggestion for improvement.