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**SARDAR PATEL UNIVERSITY**

**M.Sc. (Information Technology)**

**EXTERNAL EXAMINATION (April 2016)**

**PS02CINT01 (Modern MIS Techniques)**

Date: 01-04-2016

Marks: 70

Time: 10:30 am to 1:30 pm

**Q-1 Give Answers of following Multiple Choice Questions [8]**

1. \_\_\_\_\_ Decisions are taken at the higher level of management.  
(A) Strategic (B) Tactical  
(C) Operational (D) Information
2. \_\_\_\_\_ is a technology that supports the process of making decision in a group.  
(A) GDSS (B) DSS  
(C) MIS (D) ES
3. \_\_\_\_\_ is responsible for his or her own actions.  
(A) Manager (B) Computer Operator  
(C) Owner (D) Customer
4. A Transaction Processing System is concerned with  
(A) Support for an organization's Management needs  
(B) Strategic Decision making support  
(C) Operational day to day activities  
(D) A large database of specialised knowledge
5. \_\_\_\_\_ Involves analysis of activities to be performed to meet requirements of plan and grouping them.  
(A) Staffing (B) Planning  
(C) Directing (D) Organising
6. \_\_\_\_\_ and \_\_\_\_\_ are operational Support System.  
(A) DSS & EIS (B) TPS & MIS  
(C) Both A & B (D) All of the above
7. \_\_\_\_\_ Test include To test all programs together valid and invalid transactions are used to test.  
(A) Pilot Test (B) String Test  
(C) System Test (D) Program Test
8. \_\_\_\_\_ Systems are high potential, high risk systems and are experimental in nature.  
(A) Strategic System (B) Factory System  
(C) Turnaround System (D) Office System

**Q-2 Answer the Following Short Questions (Any Seven) [14]**

1. Write a difference between ES and DSS.
2. What is Group Decision Support System?
3. List out the Misconceptions of MIS.
4. What is planning? List various steps for execute planning.
5. Define Data, Information and Knowledge and give example.
6. What are the different types of decisions? Give Examples.
7. What is Requirement Analysis and Resource Allocation
8. Explain Issues in IT Planning.
9. What features a system analyst must be designed?

**Q-3 [A] What is Design? Which are the various types of Design? [6]**  
Explain them.

**Q-3 [B] What is MIS? List and Explain Pitfalls of MIS. How it is [6]**  
evolved?

**OR**

Write a short note on TPS.

**Q-4 [A] Explain the Impact of Computer Science on Organization. [6]**

**Q-4 [B] Explain Planning and Security For IT Infrastructure. [6]**

**OR**

Write a brief note on Managerial Decision Making Process

**Q-5 [A] What is Information System? Explain various classification of [6]**  
Information System.

**Q-5 [B] What is DSS? What are the characteristics and capabilities [6]**  
of DSS?

**OR**

Explain components of DSS with diagram.

**Q-6 [A] Explain System Theory with its sub system. [6]**

**Q-6 [B] List various techniques of evaluating IT investments. Explain [6]**  
any one technique in detail.

**OR**

Write a note on audit of information system.

WISH YOU ALL THE BEST