

**2007 PUNJAB TECHNICAL UNIVERSITY M.C.A**

[2957]

MCA (Semester-2nd)

INFORMATION SYSTEM (MCA - 201)

Time : 03 Hours

Maximum Marks :60

Instruction to Candidates:

- 1) Attempt any one question from each Section - A,B,C & D.
- 2) Section - E is compulsory
- 3) Use of Non-programmable Scientific Calculator is allowed.

Section – A (1 \* 10 = 10)

Q1) What is decision making system? How it can play an important role in quick decision making?

Q2) (a) Define and explain just in time approach?

(b) What are the various types of systems?

Section - B

(1 \* 10 = 10)

Q3) Explain Simon's model of decision making.

Q4) What are various levels of management? Which type of information is required of various levels?

Section – C

(1 \* 10 = 10)

Q5) Describe the steps for the implementation and evaluation of MIS?

Q6) Analyze and design MIS for Punjab Technical University? Take the suitable

assumptions.

#### Section – D

(1 \* 10 = 10)

Q7) How MIS is useful in production? Explain in context of industry for production of personnel computers.

Q8) How MIS can be used to increase sales? Explain MIS working steps for sale of mobile phones.

#### Section – E

(10 \* 2 = 20)

Q9) (a) Write any two ways in which MIS is useful in recruitment of human resources.

(b) What is EDP?

(c) What is closed loop system?

(d) Define information system.

(e) Name various subsystems of information system.

(f) Write any two drawbacks of MIS.

(g) Write various components of MIS.

(h) What are various steps of designing the information system?

(i) Name any two packages of management information system.

(j) How MIS is beneficial to education sector?

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