Code: AC22   **Subject: MANAGEMENT INFORMATION SYSTEMS**

AMIETE – CS (OLD SCHEME)

Time: 3 Hours | **OCTOBER 2012** | **Max. Marks: 100**

PLEASE WRITE YOUR ROLL NO. AT THE SPACE PROVIDED ON EACH PAGE IMMEDIATELY AFTER RECEIVING THE QUESTION PAPER.

NOTE: There are 9 Questions in all.

- **Question 1 is compulsory and carries 20 marks. Answer to Q.1 must be written in the space provided for it in the answer book supplied and nowhere else.**
- **The answer sheet for the Q.1 will be collected by the invigilator after 45 minutes of the commencement of the examination.**
- **Out of the remaining EIGHT Questions answer any FIVE Questions. Each question carries 16 marks.**
- **Any required data not explicitly given, may be suitably assumed and stated.**

Q.1   Choose the correct or the best alternative in the following: **(2 × 10)**

a. One of the following is not a factor that determines the quality of information.

   (A) Accuracy   **(B)** Precision
   (C) Security   **(D)** Timeliness

b. Inventory is also referred to as:

   (A) stock   **(B)** warehouse capacity
   (C) materials   **(D)** materials in hand

c. Data has to be _____ before it can be converted into information.

   (A) transformed   **(B)** processed
   (C) changed   **(D)** engineered

d. The most straightforward resource flow is

   (A) manpower   **(B)** machines
   (C) material   **(D)** money

e. The four major corporate resources are money, materials, information, and

   (A) people   **(B)** icons
   (C) information system   **(D)** on-line

f. Decisions can be classified on three levels : strategic, _____ and operational.

   (A) prompt   **(B)** passwords
   (C) MIS   **(D)** Tactical

g. Data → Information → _____ → Decisions.

(A) Planning   (B) Checking
(C) Communications   (D) Managing

h. A greater proportion of time is spent in planning on the

(A) top management level   (B) middle management level
(C) lower management level   (D) All of these

i. Management has become more complex because

(A) there is less time to react to competitive actions
(B) the equipment used in many of the firm's activities has become more complex
(C) firms have become larger
(D) All of these

j. A condition that led to the development of databases was:

(A) the proliferation of data files
(B) an increase in the amount of data handled by organizations
(C) a demand for more data to support informational needs
(D) All these

Answer any FIVE Questions out of EIGHT Questions.
Each question carries 16 marks.

Q.2 a. Describe how seven basic trends in today's business environment are related to MIS.   **(8)**

   b. You are going to start your own Automobile manufacturing company, draw an organization chart of your company.   **(8)**

Q.3 a. What is meant by concurrency and why is it a problem in a multiuser environment?   **(8)**

   b. Differentiate between B2B and B2C e-commerce.   **(8)**

Q.4 a. Discuss the nature of resistance to MIS.   **(8)**

   b. What are the basic roles of the MIS department?   **(8)**

Q.5 a. Discuss primary features and capabilities of an ERP system.   **(8)**

   b. What is the value chain and how is it used to search for competitive advantages?   **(8)**

Q.6 a. Decision Support Systems (DSS) were created to help managers make tactical decisions, illustrate. **(8)**

b. What is the importance of intelligent systems in e-business? **(8)**

Q.7 List main steps in the Systems Development Life Cycle (SDLC) methodology with its strengths and weaknesses. **(16)**

Q.8 a. Discuss the role of object oriented design in analyzing systems. **(8)**

b. How does GIS help managers make better decisions? **(8)**

Q.9 Write a short note on any of the **TWO**:-

(i) Data Quality.
(ii) Customer Relationship Management (CRM)
(iii) External Agents
(iv) Entrepreneurship. **(8×2)**