

**MOCK TEST PAPER 1**  
**INTERMEDIATE (IPC): GROUP – II**  
**PAPER – 7: INFORMATION TECHNOLOGY AND STRATEGIC MANAGEMENT**  
**SECTION – A: INFORMATION TECHNOLOGY**

*Question No. 1 is compulsory.*

*Attempt any **four** questions from the rest.*

**Time Allowed – 1½ Hours**

**Maximum Marks: 50 Marks**

**Division A**

**Multiple Choice Questions**

**Total Marks: 15 Marks**

**Question Nos. 1 to 5 carries 2 marks each.**

1. The hard drive of a system is partitioned in such a way to create two separate hard drives which help devices, applications and users to interact with the virtual resources as if it were a real single logical resource. Which of the following emerging technology is best suited for this example?
  - (a) Virtualization
  - (b) Grid Computing
  - (c) Cloud Computing
  - (d) Electronic Calendaring
2. An enterprise has implemented Telecommuting with flexible working hours and location with its employees, allowing the enterprise for cost saving and better efficiency. In context to above situation, which of the following technology is used by enterprise?
  - (a) Network as a Service
  - (b) Communication as a Service
  - (c) Cloud Computing
  - (d) Mobile Computing
3. Mr. A is working on a specific system in an organization. His major work is to make the monthly report of daily transaction made by different employees of the organization like booking of train/air ticket, hotel room during their outstation visit for official work. These transactions were made electronically with distinguished payment gateway. Which of the following system is A working on?
  - (a) Knowledge Managementsystem
  - (b) Management Information system
  - (c) Operational Managementsystem
  - (d) Transaction Management system
4. ABC Ltd. Company is facing loss in their business. The company has decided to work on Six Sigma strategies to increase customer satisfaction and increase profit. By using statistical methods and graphical display, the company is able to identify the possible cause of process output variation. Which of the following phase of six sigma the company is working on?
  - (a) Control
  - (b) Measure

- (c) Define
  - (d) Analyze
5. Mr. X is the network Engineer of a company. He has been given a task of networking at the new branch of the company at different location. He has set up the network using a single length of wire, or cable that connected number of computers. Which of the following network he has set up there?
- (a) Ring Network
  - (b) Bus Network
  - (c) Mesh Network
  - (d) Star Network

**Question Nos. 6 to 10 carries 1 mark each.**

6. Which of the following is not a business risk of failure of Information Technology in an organization?
- (a) Deficient Project Management
  - (b) Automating Repetitive Business Process
  - (c) Superficial Executive involvement
  - (d) Technological Obsolescence
7. Which of the following is a telecommunication media that uses radio waves ranging from one millimetre to one meter and frequency ranging from 0.3 Ghz and 300 Ghz?
- (a) Radio Wave
  - (b) Infrared wave
  - (c) Micro wave
  - (d) Terrestrial Microwave
8. In terms of Human Resource Management System, which of the following module deals with Recruitment and Salary Administration?
- (a) Employee Self Service
  - (b) Personnel Management
  - (c) Payroll Management
  - (d) Compensation Management
9. Which of the following is not an independent element of computer based information system?
- (a) Database Administrator
  - (b) Software
  - (c) Hardware
  - (d) Procedure
10. Which of the following is not a step involved in Program Development Life Cycle?
- (a) Planning
  - (b) Coding
  - (c) Operation and Maintenance
  - (d) Authorization

**(5 x 1 = 5 Marks)**

**Division B**  
**Descriptive Questions**

**Total Marks: 35 Marks**

***Question No. 1 is compulsory.***

***Attempt any three questions out of remaining four questions.***

1. (a) Explain any three types of cloud in Cloud Computing based on their deployment and usage. **(3 Marks)**  
(b) Define the term "Packet Switching" in switched communication networks. **(2 Marks)**
2. (a) Business application is used to fulfill a person's need for regular occupation or commercial need and can be classified based on various business functions it covers. Describe different business applications based on nature of application. **(6 Marks)**  
(b) Discuss all the phases of Six Sigma life cycle. **(4 Marks)**
3. (a) In an organization, the task of security administrator is to provide data security and to ensure and maintain the data integrity. As a security administrator, you are required to discuss any one of the two:
  - Threat and its categories that are associated with network security.
  - Vulnerability and the facts responsible for its occurrence in the software. **(6 Marks)**  
(b) Discuss in brief different types of Information Systems that are used for decision-making at different levels in an organization. **(4 Marks)**
4. (a) Accounting Information System (AIS) is defined as a system of collection, storage and processing of financial and accounting data that is used by decision makers. Explain the basic functions of AIS. **(6 Marks)**  
(b) Artificial Intelligence (AI) is the research field that studies the comprehension of intelligent human behavior on a computer. It is used in every area and day to day activity. Determine some commercial applications of AI. **(4 Marks)**
5. (a) Every organization needs Database Management System to manage its information in an appropriate and desired manner. Identify and explain the database model that allows to store and retrieve the data in tabular form. **(6 Marks)**  
(b) Being a team member of Credit card sale promotion; you are required to explain an audience of people the processing of Credit Card. Prepare your reply. **(4 Marks)**

## SECTION – B: STRATEGIC MANAGEMENT

*Question 1 and 2 are compulsory.*

*Attempt any three questions out of remaining four questions.*

**Time Allowed – 1½ Hours**

**Maximum Marks – 50**

1. (i) In response to the changes in the environment organizations in general should:
  - (a) Understand the impact of changes on the strategy and make appropriate modifications.
  - (b) Make efforts that changes are reverted back so that organizations can function smoothly.
  - (c) Ignore the changes.
  - (d) None of the above.
- (ii) The four generic strategic alternatives propounded by Glueck and Jauch are:
  - (a) retirement, combination, stability and expansion
  - (b) retrenchment, combination, stability and expansion
  - (c) retrenchment, termination, retirement and stability
  - (d) retirement, expansion, termination and growth
- (iii) Which of the following competitive position of a firm is not as per ADL Matrix?
  - (a) Dominant
  - (b) Favourable
  - (c) Difficult
  - (d) Tenable
- (iv) Major dimensions while taking strategic decisions includes:
  - (a) top management decisions
  - (b) allocation of large amounts of company resources
  - (c) issues related to future oriented
  - (d) All the above
- (v) Functional managers need \_\_\_\_\_ from the business strategy in order to \_\_\_\_\_.
  - (a) to function, control
  - (b) guidance, make decisions
  - (c) money, purchase raw material
  - (d) motivation, profit
- (vi) Strategic implementation activities includes:
  - (a) Accomplishing annual objectives
  - (b) Measuring performance
  - (c) Preparing a TOWS matrix
  - (d) Conducting research
- (vii) The focus of six sigma is on:
  - (a) Customer
  - (b) Supplier
  - (c) Shareholders

- (d) Government.
- (viii) The term PESTLE analysis is used to describe a framework for analyzing the:
  - (a) Macro Environment
  - (b) Micro Environment
  - (c) Both Macro and Micro Environment
  - (d) None of these
- (ix) What are guidelines, methods, procedures, rules, forms and administrative practices known as?
  - (a) Long-term objectives
  - (b) Policies
  - (c) Annual objectives
  - (d) Strategies
- (x) A \_\_\_\_\_ consists of those rival firms with similar competitive approaches and positions in the market.
  - (a) Business unit
  - (b) Strategic group
  - (c) Strategic fit
  - (d) Cluster
- (xi) Which one of the following is totally an unrelated diversification?
  - (a) conglomerate diversification
  - (b) concentric diversification
  - (c) vertically diversification
  - (d) horizontally diversification
- (xii) The role of human resource manager is significant in building up \_\_\_\_\_ of the firm.
  - (a) Goodwill
  - (b) Reputation
  - (c) Core Competence
  - (d) Market Value
- (xiii) Which of these is true about strategy implementation?
  - (a) It is positioning forces before the action.
  - (b) It focuses on effectiveness.
  - (c) It is primarily an operational process.
  - (d) It is primarily an intellectual process.
- (xiv) TQM is a \_\_\_\_\_ focused management system.
  - (a) People
  - (b) Employer
  - (c) Employee
  - (d) Worker

(xv) TOWS matrix has been developed by:

- (a) Heinz Ulwrick
- (b) Ulwrick Scholes
- (c) Scholes and Jhonson
- (d) Heinz Wehrich

**(15 x 1 = 15 Marks)**

2. Rajiv Arya is owner of an electrical appliance company that specializes in manufacturing of domestic vacuum cleaners. There are four other manufacturers with similar products and sales volume. Current rival firms also own a number of patents related to the product. The supplier base for procurement of raw material is also very large as there are multiple suppliers.

Identify Porter's Five Forces that may be classified as significant for the company? Explain. **(5 Marks)**

3. (a) 'A network structure is suited under unstable environment.' Elaborate. **(5 Marks)**  
(b) How would you analyse the meaning and importance of efficiency and profitability as objectives of business? **(5 Marks)**
4. (a) Discuss the role of information technology in business process reengineering. **(5 Marks)**  
(b) Distinguish between Top-Down and Bottom-Up strategic planning. **(5 Marks)**
5. (a) Write a short note on product life cycle (PLC) and its significance in portfolio diagnosis. **(5 Marks)**  
(b) What does corporate strategy ensure? Explain. **(5 Marks)**
6. (a) Write short note on production system. **(5 Marks)**  
(b) What are the various bases on which an existing firm can diversify strategically? **(5 Marks)**