Total No. of Questions – **10** Total No. of Printed Pages – **4**

Maximum Marks – **70**

## GENERAL INSTRUCTIONS TO CANDIDATES

1. The question paper comprises two parts, Part I and Part II.
2. Part I comprises Multiple Choice Questions (MCQs).
3. Part II comprises questions which require descriptive type answers.
4. Ensure that you receive the question paper relating to both the parts. If you have not received both, bring it to the notice of the invigilator.
5. Answers to Questions in Part I are to be marked on the OMR answer sheet only. Answers to questions in Part II are to be written on the descriptive type answer book. Answers to MCQs, if written in the descriptive type answer book, will not be evaluated.
6. OMR answer sheet will be in English only for all candidates, including for Hindi medium candidates.
7. The barcoded sticker provided in the attendance register, is to be affixed only on the descriptive type answer book. No barcode sticker is to be affixed on the OMR answer sheet.
8. You will be allowed to leave the examination hall only after the conclusion of the exam. If you have completed the paper before time, remain in your seat till the conclusion of the exam.
9. Duration of the examination is 3 hours. You will be required to submit (a) Part I of the question paper containing MCQs, (b) OMR answer sheet thereon and (c) the answer book in respect of descriptive type answer book to the invigilator before leaving the exam hall, after the conclusion of the exam.
10. The invigilator will give you acknowledgement on Page 2 of the admit card, upon receipt of the above-mentioned items.
11. Candidate found copying or receiving or giving any help or defying instructions of the invigilators will be expelled from the examination and will also be liable for further punitive action.

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## PART – II

**70 marks**

1. **Section – A** Question paper comprises **5** questions (**1** to **5**). Answer Question No. **1** which is compulsory and any **3** out of the remaining **4** questions.
2. **Section – B** Question paper comprises **5** questions (**6** to **10**). Answer Question No. **6** which is compulsory and any **3** out of the **4** questions.
3. Answers to the questions are to be given only in English except in the case of candidates who have opted for Hindi Medium. If a candidate has not opted for Hindi Medium, his/her answers in Hindi will not be evaluated.
4. Working note should be part of the respective abnswers.

## PART – II

### Section – A

1. (a) Data Analytics is the process of examining data sets to draw conclusions about the information they contain, increasingly with the aid of specialized systems and software. List out any three application areas of Data Analytics in today's world. 3

(b) Briefly explain any two types of Mortgage loan in a Banking system. 2

2. (a) Protecting the integrity of a database when application software acts as an interface to interact between the user and the database are called update controls and report controls. Discuss any three update controls and three report controls. 6

(b) After defining risk appetite, strategies are set to manage risks. Explain any four risk management strategies. 4

3. (a) Many organizations are implementing Enterprise Resource Planning (ERP) software, where it integrates all of the processes needed to run their business with a single system. As a System analyst briefly explain the benefits of ERP systems. 6

(b) Define any four constraints which are usually taken from the characteristics of grid environment and application in order to develop grid computing security architecture. 4

Bank
Resale
Constr.
Roofing

4\. (a) Once the complete business of a bank is captured by technology and processes are automated in Core Banking System (CBS), the data of the bank, customer, management and staff are completely dependent on the Data Centre. From a risk assessment point of view, it is critical to ensure that the bank can impart training to its staff in the core areas of technology for efficient risk management. Explain any six common IT risks related to CBS. **6** 7

(b) Public cloud is the cloud infrastructure that is provisioned for open use by the general public. Explain any four characteristics of public cloud. **4**

5\. (a) Enterprise Risk Management (ERM) framework consists of integrated components that are derived from the way management runs a business and are integrated with the management process. Define any six components of ERM framework. **6** 1

(b) (i) Define any two information system controls based on objectives of controls. **2**

(ii) Name any four activities executed by the Operating System. **2**

**OR**

Write short note on Cryptography.

## Section – B

6. ABC Ltd., is a beverage manufacturing company. It chiefly manufactures soft drinks. The products are priced on the lower side which has made the company a leader in the business. Currently it is holding 35 percent market share. The R & D of company developed a formula for manufacturing sugar free beverages. On successful trial and approval by the competent authorities, company was granted to manufacture sugar free beverages. This company is the pioneer to launch sugar free beverages which are sold at a relatively higher price. This new product has been accepted widely by a class of customers. These products have proved profitable for the company. Identify the strategy employed by the company ABC Ltd., and mention what measures could be adopted by the company to achieve the employed strategy. 5

7. (a) Draw 'Divisional Structure' with the help of a diagram. Also, give advantages and disadvantages of this structure in brief. 5

(b) What is strategic control ? Kindly explain the statement that "premise control is a tool for systematic and continuous monitoring of the environment". 5

8. (a) Discuss the guidelines for selection of Research & Development expertise by an organization. 5

(b) Why companies should go global ? Mention any five reasons. 5

9. (a) State the factors of human resource that have a strong influence on employee competence. 5

(b) What is strategic vision ? Describe the essentials of strategic vision. 5

10. (a) "There is a need for Strategic Management for government and medical organization too." Comments. 5

(b) Briefly describe the meaning of divestment and liquidation strategy and establish difference between the two. 5

**OR**

Write a short note on requirement of strategy audit. What are the basic activities of strategic audit ? 5

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