

5. Attempt any two questions

7X2=14

- a. Given a Class B network of 190.10.5.1/16, subnet it in such a way that each can accommodate minimum of 1000 users or host id. Also mention the subnet mask after subnetting
- b. Write the SQL command to create a table of your choice with valid data type for each field. Also insert five data into the table with valid command. Finally delete a particular data from the table.
- c. Royal Global University wants to design a Hostel Information System which can keep track of all the hostel activities (both girl's as well as). Design a framework for the same. Identify what are the records that need to be maintained in the database so that the Information System can be a complete one. Show them in the form of tables. Mention all the fields or columns along with data type that will be included in the tables.

The Assam Royal Global University, Guwahati

Royal School of Business

BBA+MBA (Int) 6th semester

Semester End Examination, July 2022

Course Title: Management Information System

Course Code: BSA034C205

Time: 3 Hours

Maximum Marks: 70

Note: Attempt all questions as per instructions given.

The figures in the right-hand margin indicate marks.

Section - A

1. Attempt all the questions

2 X 8=16

- a. How many subnets and hosts per subnet can you get from the network 192.168.1.0 with subnet mask 255.255.255.224?
- b. What are the two components of system development process?
- c. What is the difference between goal seeking and goal achieving analysis?
- d. What do you understand by Business Process Reengineering?
- e. What are the two types of attack on a network?
- f. How the MIS plan and Business plan are interrelated?
- g. What are the two types of firewall technology?
- h. What is the difference between data driven and process driven CRM?

2. Attempt any two questions

6X2=12

- a. Why does the organization structure and MIS differ from company to company even though they are in the same business and industry?
- b. Security is the major threat to e-commerce. Comment on the statement and what steps can lead to the solution of the problem.
- c. Why is MIS looked upon as a strategic need of management today?

3. Attempt any two questions

7X2=14

- a. When should one aim at designing fault tolerant system and high availability computer system?
- b. Explain how encryption/decryption prevents unauthorized person read or change the messages.
- c. Identify few decisions in your life, where the outcomes were known with certainty, risk and uncertainty.

4. Attempt any two questions

7X2=14

- a. How is the organization information ascertained while development of MIS?
- b. What is the benefit of nine steps process of ERP implementation in an organization? Explain.
- c. Explain the role of system analyst and system designer in the development of MIS.