BCA DEGREE (C.B.C.S.) EXAMINATION, MARCH 2023
(2020 Admission Regular, 2019, 2018 Admissions Supplementary)
SEMESTER VI - CORE COURSE (CLOUD TECHNOLOGY AND INFORMATION SECURITY MANAGEMENT)
BCA6B23B18 - INTRODUCTION TO WINDOWS AZURE

Time : 3 Hours   **Maximum Marks : 80**

Part A

I. Answer any Ten questions. Each question carries 2 marks   **(10x2=20)**

1. How to create a custom image from Azure Virtual Machine ?

2. Define Cloud Computing.

3. How virtual networks are connected in azure?

4. How Chef tool is differ from Puppet tool in azure automation ?

5. Define Server Cluster.

6. Explain the main differences between standard and premium SDD disks.

7. Write a note on Windows Power Shell in azure.

8. Define shell scripting.

9. Write a brief note on SQL Server.

10. Describe Azure Security Center.

11. How Logic Apps differ from API Apps?

12. Write a short note on Azure Website creation.

Part B

II. Answer any Six questions. Each question carries 5 marks   **(6x5=30)**

13. Explain the Steps to Create Azure Virtual Machine(Windows Server 2016 Data Center).

14. Describe Azure as PaaS and its advantages and disadvantages.

15. Write the importance of Configuration management in azure with the help of syntax.

16. Discuss any two tools for Automate the configuration of VMs in azure.

17. Explain the different kinds of disks that are offered by Azure.

18. How to create a storage account on Azure Storage?

19. Write the steps for creating an SQL server in Azure.

20. Explain the steps to create tables for azure SQL database.

21. "Azure Websites can be scaled in two ways." Identify and Explain.

Part C

III. Answer any Two questions. Each question carries 15 marks   **(2x15=30)**

22. Explain the components of Windows Azure Operating System.

23. Discuss Azure Virtual Networks and its components.

24. Write an essay about General Purpose storage accounts in Azure storage.

25. "SQL Database can be the right choice for a variety of modern cloud applications."Justify the statement with relevant examples and concepts.