32622/F220

Reg. No.

VI Semester B.C.A.3 Degree Examination, September - 2021

BUSINESS INTELLIGENCE

(Repeaters)

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

Instructions to Candidates :   1.   *Answer all parts.*
                                      2.   *Draw neat diagrams wherever needed.*
                                      3.   *Write question numbers properly.*

PART - A

1. Answer any **TEN** of the following.   **(10×2=20)**

   a.   Define BI?

   b.   Mention any two characteristics of unstructured data.

   c.   Mention types of digital data?

   d.   Define OLAP and OLTP?

   e.   What is BI value chain?

   f.   List common report layout types.

   g.   Mention types of BI users.

   h.   Define DSS and EIS.

   i.   Define FACT table? Give examples.

   j.   Mention features of good reporting.

   k.   Define Dimension table?

   l.   Mention sources of Semi - structured data?

PART - B

Answer any **FOUR** of the following.   **(4×5=20)**

2. Mention characteristics of Structured data?

3. Explain BI for past, present and future?

4. What are the Roles of Database Administrator.

5. Explain any two report layouts.

6. Explain the datawarehouse in detail?

7. What is dashboard? Mention attributes of dashboard.

P.T.O.

PART - C

Answer any **FOUR** of the following.   (4×10=40)

8.   Compare OLTP and OLAP.

9.   Explain Baldrige Business excellence framework with neat diagram?

10. Explain BI framework with neat diagram.

11. Explain Additive fact and semi - additive fact table with neat diagram.

12. a.   Explain star schema.   (5)

     b.   Explain steps for creating Balanced score card.   (5)

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VI Semester B.C.A.4 Degree Examination, September - 2021
WEB DESIGNING AND PROGRAMMING
(Regular)

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

Instructions to Candidates:

    Write Code Snippets wherever necessary.

SECTION - A

1. Answer **ALL** the questions.   **(10×2=20)**

    a)   List the steps to build a Website.

    b)   What is a Scripting Language?

    c)   Expand XHTML and CSS.

    d)   What are the three different style specification formats in CSS?

    e)   Name any two Screen Output functions in JavaScript.

    f)   Mention any two methods associated with the Data Object in JavaScript.

    g)   What is Document Object Model (DOM)?

    h)   What is the primary task of the Navigator Object in JavaScript?

    i)   What is the fullform of PHP?

    j)   How do you declare a variable in PHP?

SECTION - B

Answer any **FOUR** questions.   **(4×5=20)**

2.   Explain the different advantages of Scripting Languages. List the basic Scripting Languages.

3.   Write a HTML program to demonstrate the application of various style specifications using an external stylesheet.

4.   Explain various Array Functions in JavaScript.

5.   Explain the general syntax of XML document.

6.   Explain the advantages of PHP.

[P.T.O.

SECTION - C

Answer any **FOUR** questions. (4×10=40)

7. Explain the following:

   a) World Wide Web (WWW).
   b) Web Applications.
   c) Web Server.
   d) Web Content Authoring.
   e) Web Graphic Design.

8. Explain various selector forms with examples.

9. a) What are the advantages of JavaScript?
   b) Explain the uses of meta characters in Pattern matching.

10. What is Event Driven Programming? Explain any five events and their tag attributes used in JavaScript.

11. a) Explain how information can be passed between pages in PHP.
    b) Write a PHP program to store current date and time in a cookie using PHP.

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VI Semester B.C.A.4 Degree Examination, September - 2021
CLOUD COMPUTING
(Regular)

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

Instructions to Candidates :   *Draw neat diagrams wherever necessary.*

SECTION - A

1.   Answer **ALL** the questions.   **(10×2=20)**

   a.   What is cloud computing?

   b.   Define paravirtualization.

   c.   What is PaaS?

   d.   What are Azure and force.com?

   e.   What is driving forces?

   f.   What is Blue cloud?

   g.   Define Microsoft Hyper - V.

   h.   What is cast Iron cloud?

   i.   Write any two popular cloud services for individuals.

   j.   What is skytap solution?

SECTION - B

Answer any **FOUR** questions.   **(4×5=20)**

2.   What is Cloud Service? Discuss different types of cloud services with diagram.

3.   Explain the similarities and difference between Thin client and Thick clients.

4.   What are the benefits of software plus services?

5.   List and explain the features of VMware.

6.   Discuss briefly about migrating to the Cloud.

SECTION - C

Answer any **FOUR** questions. (4×10=40)

7. a. Explain the advantages of cloud computing in the current era.

   b. Discuss the characteristics of Cloud Computing. (5+5)

8. a. Define the following terms :

   i. Virtualization

   ii. Open Hypervisor standards.

   b. What are the features of Amazon simple storage services? (6+4)

9. What is software as a service? Write the advantages and disadvantages of SaaS. (2+4+4)

10. What is Live services? Discuss different development platforms

    a. Google gears.

    b. Microsoft Azure. (2+4+4)

11. a. What is V-motion? What are the features of V - motion?

    b. Write a note cloud services for individuals. (6+4)

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