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<b>R-17</b>
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**Code: 7P2B52**

M.C.A. V Semester Supplementary Examinations October 2020

**.Net Technologies**

Max. Marks: 60

Time: 3 Hours

Answer all five units by choosing one question from each unit ( 5 x 12 = 60 Marks )

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<b>UNIT-I</b>
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- 1. a) Explain .NET Frame work in detail 6M
- b) Discuss Assemblies & Manifest 6M

**OR**

- 2. a) Discuss .NET Frame work design goals 6M
- b) What are the concepts of CTS , CLS & CLR execution 6M

<b>UNIT-II</b>
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- 3. a) Explain LINQ programming 6M
- b) What is Generics & operator overloading 6M

**OR**

- 4. a) Discuss MSIL Programming 6M
- b) Explain C# Core language features. 6M

<b>UNIT-III</b>
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- 5. a) Explain the architecture of ADO.NET. 6M
- b) Discuss the main functions of Data Adapter. Explain four properties that allow us to control how updates are made to the server. 6M

**OR**

- 6. a) Explain Data binding in windows forms & web forms 6M
- b) What are various Visual basic .NET modules? 6M

<b>UNIT-IV</b>
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- 7. a) Explain ASP.NET session 6M
- b) Discuss about Cookies 6M

**OR**

- 8. a) Explain the procedure for creating Crystal Reports. 6M
- b) Describe briefly about working with Web-Config File. 6M

<b>UNIT-V</b>
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- 9. a) Explain how to create a simple web service AJAX. 6M
- b) Summarize how to call a web service from a browser. 6M

**OR**

- 10. a) Explain WSDL 6M
- b) Write a brief note on Web Service Protocols and Standards. 6M

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Hall Ticket Number :

**R-17**

**Code: 7P2B5A**

M.C.A. V Semester Supplementary Examinations October 2020

**Big Data**

Max. Marks: 60

Time: 3 Hours

Answer all five units by choosing one question from each unit ( 5 x 12 = 60 Marks )

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**UNIT-I**

1. a) What is Big Data? Explain the reasons of evolving of Big Data  
b) Explain the three V's of Big Data in brief.

**OR**

2. a) What are the different kinds of data sources that feed into the analytics processes? Explain it.  
b) How do you build the big data team?

**UNIT-II**

3. a) How Hadoop helps the organizations across their structured and unstructured data?  
b) What is the importance of open source technology for Big Data Analytics?

**OR**

4. a) What is the role of the cloud in big data?  
b) Predictive analytics proliferate in every facet of our lives, both personal and business. What are the some of the leading trends that are making their way to the forefront of businesses today?

**UNIT-III**

5. a) Explain the evolution of data science to meet the business goals..  
b) What are the major skill set required for a good data scientist?

**OR**

6. a) Explain the framework that describes the different kinds of analytics needed to make better decisions  
b) Describe the professional traits required for decision sciences.

**UNIT-IV**

7. Describe the integrated advanced analytics platform in detail.

**OR**

8. How to perform Orchestration and Synthesis Using Analytics Engines?

**UNIT-V**

9. a) Define HDFS. Describe namenode, datanode and block. Explain HDFS operations in detail.  
b) What are the advantages of Hadoop Map Reduce?

**OR**

10. Describe the anatomy of a MapReduce job run.

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