

[ Fall 2014 ] ASSIGNMENT

<b>PROGRAM</b>	<b>BSc IT</b>
<b>SEMESTER</b>	<b>THIRD</b>
<b>SUBJECT CODE &amp; NAME</b>	<b>BT0074, OOPS with JAVA</b>
<b>CREDIT</b>	<b>4</b>
<b>BK ID</b>	<b>B1002</b>
<b>MAX. MARKS</b>	<b>60</b>

**Answer all questions**

<b>Q. No.</b>	<b>Question</b>	<b>Marks</b>	<b>Total Marks</b>
<b>1</b>	What are the keywords that java supports? Describe the data types available in java programming language.	4+6	10
<b>2</b>	Describe StringBuffer class in java. List all the functions relevant to it and explain any five of them.	5+5	10
<b>3</b>	Describe with the help of an example the implementation of inheritance in java.	5+5	10
<b>4</b>	Describe the catch and finally block statement in java with examples.	5+5	10
<b>5</b>	Draw and Explain the Life cycle of a java applet with an example.	3+4+3	10
<b>6</b>	Explain all the steps of running the beanbox.	10	10

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<b>SUBJECT CODE &amp; NAME</b>	<b>BT0075, RDBMS and MySQL</b>
<b>CREDIT</b>	<b>4</b>
<b>BK ID</b>	<b>B1003</b>
<b>MAX. MARKS</b>	<b>60</b>

**Answer all questions**

<b>Q. No.</b>	<b>Question</b>	<b>Marks</b>	<b>Total Marks</b>
1	What are the new features in MySQL 5.1?	10	10
2	How to alter databases and tables in MySQL? Explain with the help of examples.	5+5	10
3	Explain MySQL update and replace statements with example.	5+5	10
4	Explain all the date and time functions in MySQL.	10	10
5	Describe the cursors in MySQL in detail.	10	10
6	Briefly describe the error log and general query log in MySQL.	5+5	10

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<b>PROGRAM</b>	<b>BSc IT</b>
<b>SEMESTER</b>	<b>THIRD</b>
<b>SUBJECT CODE &amp; NAME</b>	<b>BT0076, TCP/IP</b>
<b>CREDIT</b>	<b>4</b>
<b>BK ID</b>	<b>B0965</b>
<b>MAX. MARKS</b>	<b>60</b>

**Answer all questions**

<b>Q. No.</b>	<b>Question</b>	<b>Marks</b>	<b>Total Marks</b>
<b>1</b>	Draw the diagram of TCP/IP protocol suit. Explain network interface layer and Internet layer.	3+4+3	10
<b>2</b>	What do you mean by frame relay? Describe the frame relay frame format with diagram.	3+7	10
<b>3</b>	Define ports and explain the two types of ports.	2+4+4	10
<b>4</b>	What do you mean by Telnet? Describe Telnet operation.	4+6	10
<b>5</b>	Define and explain Internet Message Access Protocol (IMAP4). Describe Fundamental IMAP4 Electronic Mail Models.	4+6	10
<b>6</b>	Draw and explain SNMP message format.	3+7	10

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<b>PROGRAM</b>	<b>BSc IT</b>
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<b>SUBJECT CODE &amp; NAME</b>	<b>BT0077, Multimedia Systems</b>
<b>CREDIT</b>	<b>2</b>
<b>BK ID</b>	<b>B1004</b>
<b>MAX. MARKS</b>	<b>30</b>

**Answer all questions**

<b>Q. No.</b>	<b>Question</b>	<b>Marks</b>	<b>Total Marks</b>
<b>1</b>	Define digital multimedia and explain digital multimedia challenges.	2+8	10
<b>2</b>	Explain the following color models 1. HSB model 2. RGB model 3. CMYK model 4. L*a*b model	4x2 ½	10
<b>3</b>	Describe the following file formats: 1. Photoshop Format 2. Photoshop EPS 3. EPS TIFF or EPS PICT Preview 4. PCX	4x2 ½	10

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<b>PROGRAM</b>	<b>BSc IT</b>
<b>SEMESTER</b>	<b>THIRD</b>
<b>SUBJECT CODE &amp; NAME</b>	<b>BT0078, Website Design</b>
<b>CREDIT</b>	<b>2</b>
<b>BK ID</b>	<b>B1005</b>
<b>MAX. MARKS</b>	<b>30</b>

**Answer all questions**

<b>Q. No.</b>	<b>Question</b>	<b>Marks</b>	<b>Total Marks</b>
1	What are HTML logical tags? Explain all the logical tags.	2+8	10
2	Describe the following in context of validating XML documents with DTDs <ol style="list-style-type: none"> <li>1. Concept of data validation</li> <li>2. Writing document type definition (DTD) files</li> <li>3. Internal and external DTDs</li> <li>4. Validating parsers</li> <li>5. The NMTOKEN and NMTOKENS Type</li> </ol>	5x2	10
3	Define XSL-FO. Explain the following: <ol style="list-style-type: none"> <li>1. Purpose of XSL Formatting Objects (XSL-FO)</li> <li>2. XSL-FO Documents and XSL-FO Processors</li> </ol>	2+4+4	10