BA-117

May-2015

B.Sc., Sem.-IV

CC-204 : Computer Science

(System Development Tools-II)

Time : 3 Hours]   **[Max. Marks : 70**

1.   (a)   What is Delegate ? Explain in detail with example, types, advantages and
            disadvantages.   **8**

OR

What is Inheritance ? Explain in detail with all types.

(b)   What is Event ? Explain in detail with its diagram.   **4**

OR

What is namespace ? Explain in detail with example.

(c)   Do as directed :   **2**

(1)   What is advance object oriented programming ?

(2)   Which type of argument accepted by delegate ?

2.   (a)   What is Exception ? Explain its all keywords with example.   **7**

OR

What is Multiple Inheritances ? Explain its solution in detail with example.

(b)   Explain aliasing with its requirement and example in detail.   **5**

OR

Explain all system exceptions with their meaning.

(c)   Do as directed :   **2**

(1)   What is Debug.Write() ?

(2)   What is hierarchy of exception handling ?

3. (a) What is threading ? Explain its step of how to create thread with example of simple thread. **8**

    (b) Explain thread lifecycle with example of multithreading. **4**

    OR

    Explain all thread priorities in detail with example.

    (c) Give the full form of the following : **2**

    (1) How many way we can stop thread execution ?

    (2) What is exception ?

4. (a) Write client socket program. **6**

    OR

    Write server socket program.

    (b) Explain write operation on XML with example. **6**

    OR

    Explain XML DTD in detail with all types.

    (c) Do as directed : **2**

    Give Difference between XML-HTML

5. (a) Explain client socket and server socket in detail with its protocols and diagram. **6**

    OR

    Explain key web services technologies with its features in detail.

    (b) Explain web service with advantages and disadvantages. **6**

    OR

    What are web services characteristic ? Explain with its application area.

    (c) Do as directed : **2**

    (1) What is Networking ?

    (2) List down types of networks.

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