R15

Code No: 825AF

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
MCA V Semester Examinations, June/July - 2018
MULTIMEDIA AND RICH INTERNET APPLICATIONS

Time: 3 Hours   **Max. Marks: 75**

Note: This question paper contains two parts A and B.
Part A is compulsory which carries 25 marks. Answer all questions in Part A.   Part B consists of 5 Units. Answer any one full question from each unit. Each question carries 10 marks and may have a, b, c as sub questions.

PART - A
                                                          5 × 5 Marks = 25

1.a)   What is Multimedia?   [5]
  b)   What do you mean Composite Video Signal?   [5]
  c)   Define Frame Picture.   [5]
  d)   List out the different types of tools used in Flash.   [5]
  e)   Write the properties of XML Http Request Object.   [5]

PART - B
                                                          5 × 10 Marks = 50

2.   Explain WWW. Discuss about Color Models in video.   [10]
                                OR
3.   Explain graphics and image data representation and also their data types. [10]

4.   Explain in detail about Musical Instrument Digital Interface (MIDI). [10]
                                OR
5.   Explain in detail Image compression standards.   [10]

6.   Discuss in detail about MPEG audio compression.   [10]
                                OR
7.   Discuss about
      a) XML   b) VoIP   c) JSON   [10]

8.   Discuss how do you create and publish your Flash movie? Explain with an example.[10]
                                OR
9.   Explain about
      a) Flex 3   b) Mashups   [10]

10.a)   What is Ajax? Why it is important for building rich internet application?
  b)   Explain the steps for creating calendar Application with Dojo Tool kit? [5+5]
                                OR

11.a)   Explain Dojo Tool kit.
  b)   Discuss about classic XHTML form and Ajax enabled forms.   [5+5]

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