Code No. N0524

R07

Set No.1

IV B.Tech I Semester Supplementary Examinations, February, 2012
MULTIMEDIA AND APPLICATION DEVELOPMENT
(Common to Computer Science & Engineering and
Information Technology)

Time: 3 hours   **Max. Marks: 80**

Answer any FIVE Questions
All Questions carry equal marks
*****

1 a)   Describe about Multimedia
   b)   Describe about World wide web
   c)   Write about the RGB cube
   d)   Write about CMY cube.

2   Explain in detail about analog video signals

3   a)   What is class and ?Explain class definition in Action Script
    b)   Differentiate function and method in ACTION SCRIPT

4   What is reusability? How that is achieved? Give an example program in AS.

5   Explain subclasses of Movie clip type.

6   How Trees are used in the compression technique. Explain?

7   Discuss about
        a) MELP (multiband excitation linear predictive)
        b) MPEG-7 DDL (description definition language) components?

8   a) Write short notes on media-on-demand (MOD)?
    b) Explain the operation of RTSP with example?

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Code No. N0524   **R07**   Set No.2

IV B.Tech I Semester Supplementary Examinations, February, 2012
MULTIMEDIA AND APPLICATION DEVELOPMENT
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Information Technology)

Time: 3 hours   **Max. Marks: 80**

Answer any FIVE Questions
All Questions carry equal marks
*****

1   a) Explain different file formats
    b) Explain in detail about analog video signals

2   Describe about
        a)   Digitization of sound
        b)   Analog and digital video

3   a) Explain Data type 'type checking' in AS2.0
     b) Explain Class Attributes AS 2.0

4   a) Explain the theory of inheritance
     b) Explain exception handling with an example

5   Write detail note on OOP application Frame work

6   Explain what are the two types of wavelet transforms?

7   Discuss about
        a) Video Compression Techniques
        b) Audio Compression Techniques

8   Explain TCP/IP protocols of multimedia networks?

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Code No. N0524   **R07**   **Set No.3**

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Information Technology)

Time: 3 hours   **Max. Marks: 80**

Answer any FIVE Questions
All Questions carry equal marks
*****

1 Discuss the categorist multimedia Software's.

2 a) Explain Structure of MIDI message
   b) Discuss the types of video Signals

3 a) Explain Class Attributes AS 2.0
   b) Write about static checking. Give examples

4 Explain the usage of Interface in AS2.0

5 a) Explain subclasses of Movie clip type
   b) Discuss about wavelet-based coding algorithm

6 Compare dictionary based coding with lossless image compression? Explain with example.

7 a) What is MPEG-2? Explain about MPEG-2 Scalabilities?
   b) Discuss examples on use of MPEG -4

8 Explain broad cast schemes for video on demand in detail?

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Code No. N0524 **R07** Set No.4

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MULTIMEDIA AND APPLICATION DEVELOPMENT
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Time: 3 hours   Max. Marks: 80

Answer any FIVE Questions
All Questions carry equal marks
*****

1   a) Discus about Data representation in Graphics and images.
     b) What is WWW? Explain in brief

2   a) Discuss the types of video Signals.
     b) What is Chroma sub sampling?

3   a) Differentiate function and method in ACTION SCRIPT.
     b) Write about static checking. Give examples.

4   What do you mean by uncaught exceptions? Explain how handle un caught exceptions.

5   a) Discuss Procedural programming Vs Object orients programming
     b) Explain the how to design the currency converter frame work

6   Explain in detail about the idea behind embedded zero three of wavelet coefficient?

7   Explain How MPEG -7 works.

8   Explain about Multimedia network communications and also discuss about its applications?

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