

Roll No.

Total No. of Questions : 11] [Total No. of Printed Pages : 4

RJ-402**M.Sc. 3rd Semester (Computer Science) (NEW/ATKT)****Examination-2018****MULTIMEDIA TOOLS & APPLICATIONS****Paper-II**

Time : 3 Hours] [Maximum Marks : 85/100

Note : All questions are compulsory.**Section-A****Objective Type Questions****Note : Objective type 10 Questions of 1.5 marks each.** $1.5 \times 10 = 15$ **1. Choose the Correct Option :**

(i) BMP is an extension for _____ file.

- (a) Sound (b) Document
(c) Image (d) Video

(ii) The full form of RTF is _____.

- (a) Remote transfer file
(b) Rich text file
(c) Remote text format
(d) Rich text format

(iii) Powerpoint presentation software is a common example of multimedia presentation.

- (a) Linear mode (b) Non-linear mode
(c) Both (d) none of the mode

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(iv) The authority tool software used to create interactive movies is _____

- (a) Macromedia director
(b) Adobe premiere
(c) Macromedia flash
(d) VRML

(v) One of the disadvantages of multimedia is:

- (a) cost (b) adaptability
(c) usability (d) relativity

(vi) Images include in many software titles are called _____.

- (a) Clipart (b) popups
(c) .jpg files (d) .tiff files

(vii) Which image files are a lossy format ?

- (a) GIF (b) MPEG
(c) JPEG (d) PNG

(viii) Which of the following is a technique to blend two or more images to form a new image ?

- (a) Modeling (b) Morphing
(c) Animating (d) Warping

(ix) Expand JPEG:

- (a) Joint photo experts gross
(b) Joint photographic expert gross
(c) Joint processor expert gross
(d) Joint photographic expert group

(x) Which compressions provides some loss of quality ?

- (a) Lossy (b) Object based
(c) Cel-based (d) Loss less

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Section-B

Short Answer Type Questions

Note : Short answer type 5 questions of 5 marks each with Internal choice. 5×5=25

2. What is multimedia ? Explain its elements.
or
What are the difference between vector and raster graphics ?
3. Write the difference between analog and digital sound.
or
What are the basic principles and use of animation in multimedia ?
4. Give the brief introduction to video editing and movie making tools.
or
Explain various digital video compression techniques.
5. Explain different type of multimedia authoring tools.
or
Explain the various formats of CD's and DVD's
6. Differentiate interlaced Vs Non-interlaced model.
or
Explain virtual reality on the web.

Section-C

Long Answer Type Questions

Note : Long answer type 5 questions of 9 marks each with Internal choice. 9×5=45

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7. Describe the following: (any 3)
(a) Importance of graphics
(b) Photoshop
(c) Image capturing methods
(d) Object Linking & embedding
(e) Concept of formatted text
8. Describe analog and digital sound and explain its effects in multimedia.
or
Give the detail overview of 2-D and 3-D animation techniques. <http://www.onlinebu.com>
9. Write the brief note on various video standards.
or
Explain the various formats of CD's and DVD's and how multimedia product is distributed using CD/DVD.
10. What do you mean by planning and distribution of a multimedia project ? What are the stages in designing & producing multimedia product for CD ?
or
Explain various key factors of selecting CD based multimedia authoring tools.
11. Explain the following: (any 2)
(a) Dynamic and embedded font technology
(b) Broadband technology
(c) Streaming video and Real video
(d) Graphics support in HTML

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