

C.U.SHAH UNIVERSITY

Summer Examination-2016

Subject Name: Multimedia Technology

Subject Code: 4TE06MMT1

Branch: B.Tech (IT)

Semester: 6

Date: 06/05/2016

Time: 02:30 To 05:30

Marks: 70

Instructions:

- (1) Use of Programmable calculator & any other electronic instrument is prohibited.
 - (2) Instructions written on main answer book are strictly to be obeyed.
 - (3) Draw neat diagrams and figures (if necessary) at right places.
 - (4) Assume suitable data if needed.
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- Q-1 Attempt the following questions: (14)**
- a) Which one of the following is an audio file format? (1)
A) TIFF B) AIFF
C) FLV D) MPEG
 - b) Which of the following is an audio editing tool? (1)
A) Windows Media Player B) AudioCity
C) AudaCity D) None
 - c) Which one is not an element of Multimedia? (1)
A) Audio B) Video
C) CGI D) None of above
 - d) Which one of the following is not a part of multimedia project development team? (1)
A) Interface Designer B) Writer
C) Multimedia Programmer D) None of above
 - e) Which is/are used to deliver Multimedia? (1)
A) CD-ROM B) DVD
C) FLASH Drives D) All of above
 - f) What is the full form of DVD? (1)
A) Digital Video Drum B) Digitized Video Disc
C) Digital Versatile Disc D) None of above
 - g) What does a PNG file provide? (1)
A) An image file without transparency B) An image file with low quality
C) An image file with transparency D) A moving image
 - h) Which one is not a principle of animation? (1)
A) Rotation B) Squash
C) Staging D) ARC



- i) Which one of the following is a type of authoring tools? (1)
 A) Card and page based B) Card Only
 C) Page Only D) None of above
- j) MIDI stands for: (1)
 A) Music Instrument Digital Integration B) Music Instrument Digital Interface
 C) Musical Instrument Digital Interface D) Musical Internet Digital Interface
- k) Which intangible(s) is/are needed in multimedia making? (1)
 A) Creativity B) Organization
 C) Communication D) All of above
- l) Who did introduce 12 principles of animation? (1)
 A) Ollie Johnston B) Frank Thomas
 C) Dennis Ritchie D) Both (A) and (B)
- m) Word processor application like MS Word is one of the multimedia application. (1)
True or false. Justify.

Attempt any four questions from Q-2 to Q-8

- Q-2 Attempt all questions (14)**
 a) Define raster graphics and vector graphics and differentiate them. (7)
 b) List and explain various type of authoring tools. (7)
- Q-3 Attempt following question. (Only one subquestion) (14)**
 a) What is multimedia? List out various multimedia elements. Explain each element in detail with their importance in multimedia project development. Give at least two multimedia application names for each elements.
- Q-4 Attempt all questions (14)**
 a) What is color model? Explain RGB color model with suitable figure. (7)
 b) List and explain various image file formats. Describe advantages and disadvantages of each. (7)
- Q-5 Attempt following question. (Only one subquestion) (14)**
 a) What is animation? List out 12 principles of animation. Explain any six principles of them with example using suitable figures.
- Q-6 Attempt all questions (14)**
 a) Explain following stages of multimedia project development in detail: (7)
i) planning and costing ii) designing and producing
 b) List and explain various video file formats. Describe advantages and disadvantages of each. (7)
- Q-7 Attempt all questions (14)**
 a) Explain CMYK color model with suitable figure. (7)
 b) Explain following stages of multimedia project development in detail: (7)
i) Testing ii) delivering



Q-8

Attempt all questions

(14)

- a) What are the requirements for multimedia projects? List and explain each requirement. (7)
- b) What is anti-aliasing? Briefly explain anti-aliasing techniques. (7)

