

University of Sargodha

M. Sc. 2nd Term Exam 2017.

Subject: I. T

Paper: Multimedia System & Design (IT-3743)

Time Allowed: 2:30 Hour

Maximum Marks: 80

Note: Objective part is compulsory. Attempt any three questions from subjective part.

Objective Part (Compulsory)

Q.1. Write short answers of the following in 2-3 lines each. (2*16)

1. What is typeface?
2. DPI Stands for
3. Define term case insensitive
4. Define intercept
5. What is Cascading Style Sheets?
6. Define Animation?
7. Differentiate between landscape and portrait
8. What are bitmaps images?
9. What is Morphing?
10. Where we use .svg file type?
11. What is rendering?
12. What is extruding?
13. Define term Panoramas in Multimedia Design
14. What is the use of Cartesian coordinates in Multimedia?
15. Define auto tracing.
16. What is lathing?

Subjective Part

Attempt any three out of five questions :(3*16=48)

- Q.2.** Define common multimedia terms such as multimedia, integration, interactive, HTML, and authoring and qualify the characteristics of multimedia: nonlinear versus linear content
- Q.3.** Define hypermedia, hypertext, links, anchors, and nodes and be able to discuss both the potential and limitations of hypertext and hyperlinking systems.
- Q.4.** Discuss the difference between bitmap and vector graphics. Describe five different graphic elements you might use in a project, for example, the background, buttons, icons, or text. Would you use a vector tool or a bitmap tool for each element? Why?
- Q.5.** Discuss the implications of using audio in a production, focusing on the purpose of the audio, how to manage audio files, and copyright issues.
- Q.6.** Define codec and list an example of a codec.