SARDAR PATEL UNIVERSITY
External Examination (CBCS)
B. Sc. - V[th] Semester (CA & IT)
US05DIIT21: Multimedia Technology
15th November, Tuesday, 2022

Time: 10:00 am to 12:00 pm

Total Marks: 50

Q-1 Select an appropriate option.   10

1. _____ technology engaging variety of multimedia including audio, video, text, animation and graphics.
    (a) Multiple media   (b) Multimedia   (c) Entertainment   (d) None of these

2. In _____ type of multimedia, user can participate in ongoing process.
    (a) Non interactive   (b) Movie multimedia
    (c) Entertainment   (d) Interactive

3. All games, multimedia novels and movies are example of _____.
    (a) Edutainment   (b) Internet   (c) Interactive   (d) Entertainment

4. Digital audio is the technology by which sound signals are represented as series of _____ data.
    (a) Binary   (b) Binary digital   (c) Numeric   (d) None of these

5. The process by which a sound card creates music is called _____.
    (a) Sound synthesis   (b) Audio synthesis
    (c) Both (a) & (b)   (d) None of these

6. _____ are single hole connecting interface on the sound card.
    (a) Connectors   (b) Jack   (c) Both (a) & (b)   (d) None of these

7. VCR stands for _____.
    (a) Video Cassette Recorder   (b) Video Card Reader
    (c) Visual Card Recorder   (d) Visual Cassette Reader

8. _____ is the source for videos.
    (a) Camera   (b) Camcorder   (c) Both (a) & (b)   (d) None of these

9. The individual groups of frames or elements of a project are called _____ of a project.
    (a) Segment   (b) Interface   (c) Content   (d) None of these

10. All audio clips, graphics, animation and video clips developed for a particular project, called _____ content.
    (a) Media   (b) Interface   (c) Design   (d) None of these

(P.T.O.)

Q-2 Answer the following questions. (Attempt any **Eight**)   16

1.   Define the term Multimedia.
2.   Define : Document imaging.
3.   List out multimedia hardware requirements and explain any two.
4.   Why we need to edit audio files?
5.   Define: Hypertext and Hypermedia
6.   Define: Digital Audio and Monitor refresh rate.
7.   Explain Full Motion Video.
8.   What is Resizing and Cropping of Video sequence?
9.   What is Multimedia Project?
10. What is Multimedia Authoring?

Q-3 Explain various facts of Multimedia.   06
                              OR

Q-3 Explain Multimedia Applications in detail.   06

Q-4 What is audio synthesis technology? Explain it in detail.   06
                              OR

Q-4 Write a note on designing text for Multimedia.   06

Q-5 Write a short note on various classification of Multimedia Animation.   06
                              OR

Q-5 What is video capture board? Explain it in detail.   06

Q-6 Write a short note on media content design and development.   06
                              OR

Q-6 Write a short note on Authoring Methodologies.   06

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