[101]

SARDAR PATEL UNIVERSITY
P.G.D.C.A.A. Semester – 2 External Examinations
PS02EDCT02 (Multimedia Application Development)
Thursday, 7th April, 2016

Time: - 2:30 P.M. to 5:30 P.M.　　　　　　　　　　　　　　**Max Marks: 70**

Q-1　　**Choose the most appropriate option for each question.**　　　　　　　　　**[8]**

1) _____ Technology engages variety of multimedia including audio, video, graphics, text and animation.
[A] Multiple Media [B] Entertainment
[C] Multimedia　　　[D] None of The Above

2) _____ Card is used to display Color.
[A] Sound [B] Video Capture
[C] MIDI [D] Display Adapter +

3) The Graphics Accelerator card is used for _____
[A] Audio [B] Video
[C] Music [D] Graphics

4) _____ is Big Brother of MIDI.
[A] Sound Card　　　　[B] Graphics Card
[C] Wave Synthesis card [D] None of these

5) _____ is an old technique and outdated in Audio synthesis technology.
[A] FM Synthesis　　[B] Wavetable Synthesis
[C] Sound Synthesis [D] None of these

6) _____ are single hole connecting interface on the sound card.
[A] Connectors　[B] Jack
[C] Both a and b [D] None of these

7) _____ in 3D environment are used to view the objects that are placed in 3D scene.
[A] Lights　　　[B] Camera
[C] Focus　　　[D] None of these

8) VCR stands for _____
[A] Video Cassette Recorder [B] Video Card Reader
[C] Visual Card Recorder　[D] Visual Cassette Reader

Q-2　　**Answer the following questions (Any Seven).**　　　　　　　　　　　　　　**[14]**

1) Define the term Multimedia.

2) What is the use of MIDI interface card?

3) Define: Digital Audio, Reassembling, Splicing, Dot pitch, Monitor refresh rate.

4) List all Jacks and Connectors.

5) Need of Video in multimedia Projects.

6) Explain Full Screen Video.

7) What is Video Capture Boards?

8) List out the 2D Animation software for different platform.

9) What is Data Gathering?

Q-3 [A]	Explain various facts of Multimedia.	**[06]**
[B]	Define Multimedia Software and Explain Varieties of Multimedia Software.	**[06]**

OR

[B]	Write a note on various classification of Multimedia.

Q-4 [A]	What is Audio synthesis technology? Explain Audio synthesis technology in detail.	**[06]**
[B]	What are the advantages/ need of Digital audio?	**[06]**

OR

[B]	Write a note on sound card functionality.

Q-5 [A]	Write a short note on Various classification of Multimedia Animation.	**[06]**
Q-5 [B]	Explains Classification – III with example of Multimedia Animation.	**[06]**

OR

[B]	Explain the different steps for Preliminary procedures for Animation.

Q-6 [A]	Explain the Making of Multimedia.	**[06]**
Q-6 [B]	Explain the Stages of Project Multimedia.	**[06]**

OR

[B]	Which is the Hardware and Software Requirement of Multimedia? Explain in Detail.

*******Best of Luck*********