SEAT No._____   No. of Printed Pages : 2

[20/A-7]   **SARDAR PATEL UNIVERSITY**

M. Sc. IT (Integrated)

Vth - SEMESTER UNDER (CBCS)

PS05EIIT01 : Multimedia Technology

Date : 15/11/2017 Wednesday   Time : 10:00 AM to 12:00 NOON   Max Marks : 70

Q.1   Write answers of following Multiple Choice Questions :   [10]

[01]   In 10X CD-ROM drive, X indicates _____.
    (A)   Space   (B)   Capacity
    (C)   Data Transfer Rate   (D)   Size

[02]   VGA to TV Adapter Cards convert _____ signal into _____ signal.
    (A)   Television, Computer   (B)   Computer, Digital
    (C)   Computer, Television   (D)   Digital, Analog

[03]   The _____ technology engages variety of multimedia including audio, video, graphics, text and animation.
    (A)   Entertainment   (B)   Multiple Media
    (C)   Multimedia   (D)   None of these

[04]   The _____ allows you to connect your microphone to your sound card for voice or instrument recording.
    (A)   Speaker out Jack   (B)   Microphone in Jack
    (C)   Line in Jack   (D)   Line out Jack

[05]   The process of removing blank space is called _____.
    (A)   Splicing   (B)   Trimming
    (C)   Volume control   (D)   None of these

[06]   In India _____ is the broadcast video standard is used.
    (A)   NTSC   (B)   PAL
    (C)   NTFS   (D)   SAT

[07]   Television handles video as _____ signals, and the computer handles them as _____ signals.
    (A)   Digital, Analog   (B)   Analog, Digital
    (C)   Frequency, Data   (D)   Analog, Wave

[08]   The movement of objects measures from one stage to another is related to _____.
    (A)   Keyframes   (B)   Frames
    (C)   Slots   (D)   None of these

[09]   Which of the following is not type of authoring tools?
    (A)   Time based   (B)   Frame based
    (C)   Icon based   (D)   Layer based

[10]   The process of assembling or integrating different types of media is known as _____.
    (A)   Multimedia Editing   (B)   Multimedia Authoring
    (C)   Multimedia Project   (D)   Multimedia Programming

P. T. O.

Q.2   Answer the following short questions : Attempt Any Ten   [20]
      [01]   What is Multimedia?
      [02]   Define : Sound Card.
      [03]   What is the use of MIDI Interface Card?
      [04]   What is Audio Sampling Rate?
      [05]   What is Audio Synthesis Technology?
      [06]   List popular Digital Audio File Formats.
      [07]   What is Rendering?
      [08]   What is a need of Lighting in Video Production?
      [09]   What is difference between Linking and Embedding?
      [10]   What is Multimedia Project?
      [11]   List various stages of Project Development.
      [12]   List various criteria for selecting right Authoring Tools.

Q.3   [A]   Explain Multimedia Application Software. Explain various categories of   [10]
            Multimedia Application.

                                    OR

Q.3   [B]   Explain Device Driver in detail. Write use of Add-on Cards or Peripheral   [10]
            Cards at user and professional level.

Q.4   [A]   Explain Audio Editing Terminologies.   [06]
      [B]   Explain needs of Digital Audio Editing.   [04]

                                    OR

Q.4   [C]   Explain Special Effect that can be applied on Multimedia Texts.   [06]
      [D]   Explain Parameters that control Color Monitors.   [04]

Q.5   [A]   Explain concept of 2D Animation in detail.   [05]
      [B]   Explain Video Capture Process in detail.   [05]

                                    OR

Q.5   [C]   Explain Concept of 3D Animation in detail.   [05]
      [D]   Explain Video Post Production.   [05]

Q.6   [A]   Explain Characteristics of Authoring Tools.   [05]
      [B]   Explain Project Conceptualization.   [05]

                                    OR

Q.6   [C]   Explain Navigation Map.   [05]
      [D]   Write note on Data Gathering.   [05]

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