

17/05/2018 (Evening)

This question paper contains 3 printed pages.

Your Roll No.

Sl. No. of Ques. Paper: 8216

HC

Unique Paper Code : 62344414

Name of Paper : Multimedia Applications

Name of Course : B.A. (Prog.)

Computer Applications

Semester : IV

Duration : 3 hours

Maximum Marks : 75

*(Write your Roll No. on the top immediately
on receipt of this question paper.)*

*The paper has two Sections. All questions in Section A are
compulsory. Attempt any five questions from Section B.
All parts of a question must be attempted together.*

SECTION A

1. (a) What is Multimedia? Explain any two applications of it. 4
- (b) What is Codec? List an example of a Codec. 4
- (c) Discuss how the computer monitor image differs from a Television image. List the limitations in creating images on the computer destined for a Television Screen. 4
- (d) What is MIDI? What are the benefits and how is it used in a Multimedia project? 4
- (e) Describe the characteristics of a block of Text. 4

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- (f) What do you mean by Compression in Multi-media? List *two* types of compression. 3
- (g) Describe the components and measurements of Sound. 3

SECTION B

2. (a) Differentiate between Bitmap, Vector and 3-D images. Describe the capabilities and limitations of all three. 6
- (b) Why is Animation possible? Explain. 4
3. (a) Explain any *two* Sound Editing Tools. 5
- (b) List the steps involved in capturing Video, compressing the Video, and preparing it for DVD. 5
4. (a) Explain Additive Color and Subtractive Color. 6
- (b) List the various methods of connecting a computer with the world, and discuss the benefits and drawbacks of each. 4
5. (a) Differentiate between MIDI and Digital Audio. 5
- (b) Describe the difference between a Typeface and a Font and list at least three attributes of a font. 5
6. Write short notes on any *five* of the following:
- (a) Cel Animation

- (b) Tweening
- (c) HDTV
- (iv) Virtual Reality
- (v) DVD
- (vi) Authoring Tools. 10
7. (a) Explain Web Page Makers and Site Builders. Also give an example of each. 6
- (b) Explain Hypermedia and Hypertext. 4