

(6 pages)

Reg. No. :

Code No. : 20446 E Sub. Code : JMCV 6 A

B.Com. (CBCS) DEGREE EXAMINATION,
APRIL 2019.

Sixth Semester

Computer Applications – Main

Elective – MULTIMEDIA WITH APPLICATION

(For those who joined in July 2016 onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 1 = 10 marks)

Answer ALL questions.

Choose the correct answer :

1. GIF stands for _____.
- (a) Graphics Information File
 - (b) Graphics Information Format
 - (c) Graphics Interchange Format
 - (d) Graphics Image Format

2. The method in which pictures are manipulated to appear as moving imaging is referred as _____.
- (a) Animation
 - (b) Graphics
 - (c) Dynamics
 - (d) Motion
3. _____ technology uses goggles, helmets and special gloves to create lifelike 3D experience.
- (a) Virtual screen
 - (b) Virtual imaging
 - (c) Virtual life
 - (d) Virtual reality
4. The control panels of a multimedia project are designed by _____.
- (a) multimedia writer
 - (b) interface designer
 - (c) project manager
 - (d) sound producer
5. The resolution of VGA display is _____ pixels.
- (a) 640 × 480
 - (b) 800 × 600
 - (c) 1024 × 768
 - (d) 1280 × 1024
6. CCD stands for _____.
- (a) Capacitor – Charged Devices
 - (b) Coating – Charged Devices
 - (c) Coating – Coupled Devices
 - (d) Charge – Coupled Devices

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7. The multimedia system that consists of large number of LANs and WANs is referred as _____.
- (a) Dedicated system
(b) Departmental system
(c) Enterprise – wide system
(d) World – wide system
8. The multimedia application that creates, edits and displays multimedia objects is _____.
- (a) system software (b) application software
(c) supervisor software (d) resource software
9. The public stand that provides details of products and services by displaying interactive multimedia information to the users is _____.
- (a) multimedia booth
(b) multimedia rotunda
(c) multimedia newsstand
(d) multimedia kiosk
10. The system that allows users to select and watch video content of their choice on their televisions is _____.
- (a) video on request (b) video on demand
(c) video on web (d) video on choice

PART B — (5 × 5 = 25 marks)

Answer ALL questions, choosing either (a) or (b).

Answer should not exceed 250 words.

11. (a) How is analog signal converted into digital signal?
- Or
- (b) What do you mean by hypertext?
12. (a) List out the basic stages in a multimedia project.
- Or
- (b) Explain the hardware requirements to make good multimedia.
13. (a) What are the components of electronic pen?
- Or
- (b) State the characteristics of voice recognition system.
14. (a) Draw an overview on business systems for multimedia.
- Or
- (b) What are the components of distributed multimedia system?



15. (a) List out the interactive applications over the Internet.

Or

- (b) Give a brief account on multimedia conferencing.

PART C — (5 × 8 = 40 marks)

Answer ALL questions, choosing either (a) or (b).

Answer should not exceed 600 words.

16. (a) Write a note on multimedia software.

Or

- (b) Discuss about the classification of Animation.

17. (a) Explain the uses of multimedia in business and schools.

Or

- (b) What are the skills required for multimedia designer?

18. (a) Discuss the key technology issues in multimedia Input/Output technologies.

Or

- (b) Describe the concept of video and still image processing.

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19. (a) Explain the various human factors involved in virtual reality design.

Or

- (b) Analyse the various issues on distributed application design for multimedia.

20. (a) Describe the various inter-personnel communications for multimedia applications.

Or

- (b) List out the various entertainment applications for multimedia.
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