

FAROOK COLLEGE (AUTONOMOUS), KOZHIKODE

Sixth Semester BAMC Degree Examination, March/April 2020

BMM6B16 – Advanced 3D Animation VFX & Compositing

(2017 Admission onwards)

Time: 3 hours

Max. Marks: 60

**Section A (One word)**

**Answer all questions. Each question carries 1 mark**

1. A device produces an illusion of movement from a rapid succession of static pictures.
  - a) Zoetrope
  - b) Thaumatrope
  - c) Phenakistoscope
  - d) HMD
2. Name of the first animation film.
  - a) Humorous Phases of Funny Faces
  - b) Tom and Jerry
  - c) Mickey Mouse
  - d) How i learnt animations
3. The father of animation?
  - a) Walt Disney
  - b) J. Stuart Blackton
  - c) William Horner
  - d) J.A. Ferdinand Plateau
4. CGi involves the use of .....
  - a) Computer generated 3D files
  - b) Actual models to be animated
  - c) Puppeteers moving the models
  - d) None of the above
5. What was the title of the first FULL LENGTH animated feature film?
  - a) Bambi
  - b) Snow White and the Seven Dwarfs
  - c) Pinocchio
  - d) 101 Dalmations
6. .... is not a render plugins.
  - a) Arnold
  - b) Mentalray
  - c) Octane
  - d) Bifrost
7. Which Light Is Used To Simulate A Combination Of Direct Light And Indirect Light?
  - a) Ambient Light
  - b) Spot Light
  - c) Directional Light
  - d) Area Light
8. Which Editor is Used To Create, Edit, And Connect Rendering Nodes, Such As Textures, Materials, Lights, Rendering Utilities, And Special Effects in MAYA?
  - a) Hypershade
  - b) Hypergraph
  - c) Graph editor
  - d) Outliner

9. Black and White images that is used to create the illusion of bumpy surface  
a) Normal map      b) Displacement map  
c) Bump map      d) Layer shader
10. Light which is used to reduce the shadow hardness is .....
- a) Key Light   b) Fill Light   c) Back Light   d) Bounce Light

(10 x 1 = 10 Marks)

**Section B (Short answer)**

**Answer any six questions. Each question carries 2 marks**

11. 2.5 D animation
12. Multi plane camera
13. Pixilation
14. Far clip in camera
15. Final gathering
16. FK and IK
17. Dope sheet
18. Blinn

(6 x 2 = 12 Marks)

**Section C (Paragraph)**

**Answer any three questions. Each question carries 6 marks**

19. Types of stop motion
20. Purpose of Hyper shade
21. Rigid bind and smooth bind
22. Image based lighting (IBL)
23. Multi pass compositing

(3 x 6 = 18 Marks)

**Section D (Essay)**

**Answer any two questions. Each question carries 10 marks**

24. How can you make a normal action into a more appealing one through Animation principles?
25. What is a walk cycle? Difference between the biped and quadruped walk cycle.
26. What are the different stages involved in a 3D animation production pipeline?

(2 x 10 = 20 Marks)

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FAROOK COLLEGE (AUTONOMOUS), KOZHIKODE  
Sixth Semester BAMC Degree Examination, March/April 2020  
BMM6B14 – Introduction to Motion Graphics  
(2017 Admission onwards)

Time: 3 hours

Max. Marks: 60

**Section A(one word)**

**Answer all questions.Each question carries 1 mark.**

1. The vertical movement of camera.  
a) Panning                      b) Tilting                      c) Rolling                      d) Tracking
2. Which file format contain photorealistic images  
a) JPG                      b) CDR                      c) EPS                      d) DWG
3. Audio  
a) BMP                      b) MP4                      c) PNG                      d) MP3
4. Bitmap images are made of  
a) Picture                      b) Pixels                      c) Lines and curves                      d) None of the above
5. Hypermedia  
a) Interactive Media                      b) Print media                      c) Analogue media                      d) None of the above
6. Dealing with Colour  
a) Balancing Pixels                      b) Scaling Files                      c) Masking                      d) Contrast
7. Image Enhancing Software  
a) Photoshop                      b) Page maker                      c) MS Excel                      d) Power Point
8. Multimedia Authoring Software  
a) Adobe Director                      b) Adobe page maker  
c) Reduces the resolution                      d) None of the above
9. Digital storage medium  
a) Hard disc                      b) USB port                      c) Monitor                      d) None of the above
10. .... in not a video file.  
a) GIF                      b) MP4                      c) AVI                      d) WMV

**(10 x 1 =10 Marks)**

**Section B (Short answer)**

**Answer any six questions. Each question carries 2 marks**

11. What is Chroma Keying?
12. What do you mean by animation?
13. Explain Frames?
14. Explain Pre compose.
15. Define non Linear Editing
16. Three point lighting
17. Image compression.
18. Digital footage.

**(6 x 2 = 12 Marks)**

**Section C (Paragraph)**

**Answer any three questions. Each question carries 6 marks.**

19. What is CTI and What are the functions of CTI?
20. Explain Alpha channel.
21. What is keying? Explain various keying effects.
22. Explain motion tracking.
23. Various colour schemes?
24. Discuss about null object camera.

**(3 x 6 = 18 Marks)**

**Section D (Essays)**

**Answer any two questions. Each question carries 10 marks.**

25. Write about colour correction features and applications.
26. Explain different types of animation.
27. What are the features of Adobe After Effects?

**(2 x 10 = 20 Marks)**

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Reg. No:.....

Name: .....

FAROOK COLLEGE (AUTONOMOUS), KOZHIKODE  
Sixth Semester BAMC Degree Examination, March/April 2020  
BMM6B15 – Television Production (Digital Media)  
(2017 Admission onwards)

Time: 3 hours

Max. Marks: 60

**I. Answer all questions:**

1. Adjusting colour circuits in a camera with white object is called -----?
2. Electronic equipment used to combine different video and audio signals?
3. Expand PCR?
4. Editing method which allows you to access any frame in a digital video clip regardless of sequence in the clip?
5. -----is a category of research design in which the investigation starts after the fact has occurred?
6. A person who oversees one or more aspects of a television program is called as -----?
7. ----- is a standard method of lighting used in visual media?
8. What is the space above a person's head and the screen called in a shot?
9. Moving just the camera up or down is called \_\_\_\_\_?
10. Which television anchor won the 2019 Ramon Magsaysay Award?

(10 × 1 = 10 Marks)

**II. Write Short note on any SIX of the following:**

11. Soap Opera.
12. Ex – post – Facto
13. Light meter
14. Story board
15. Producer
16. Economy shooting methods
17. OB van
18. Key Light

(6×2=12 Marks)

**III. Write Short essays on any THREE of the following:**

19. Explain the process of editing in post-production?
20. Role of graphics and animation in television production?
21. Explain different kinds of research?
22. Difference between news bulletin and news based programme?
23. Explain role of floor management in television production?

**(3 × 6 = 18 Marks)**

**IV. Write essays on any TWO of the following:**

24. Role of producer in television production?
25. Explain Multi camera Production?
26. Write about the importance of research in television production?

**(2 × 10 = 20 Marks)**

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Reg. No:.....

Name: .....

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FAROOK COLLEGE (AUTONOMOUS), KOZHIKODE  
Sixth Semester BAMC Degree Examination, March/April 2020  
**BMM6B13 – Multimedia Designing & Authoring**  
(2017 Admission onwards)

Time: 3 hours

Max. Marks: 60

**Section A (One word)**  
**Answer all questions. Each question carries 1 mark**

1. Which one of the following is the characteristics of a Multimedia system?  
A.High storage      B. High data rates      C.both (A) and (B).      D. None of these
2. \_\_\_\_\_ is a measure of spatial printing or video dot density.  
A.DPI      B. PPI      C.ISO      D. None of these.
3. What does MIDI stand for?  
A. Musical Internet Digital Interface      B) Musical Internet Digital Interrupt  
C) Musical Instrument Digital Interface      D) Musical Instrument Download Interface
4. Which one of the following audio formats was developed by Microsoft?  
A. AIFF      B. MIDI      C. RealAudio      D. WAV
5. What does AVI stand for?  
A.Audio for Voice on the Internet      B.Audio Voice Interleaved  
C.Audio Video Interleaved      D. Adapted Video for Internet
6. Which company developed the Quick Time format?  
A. Microsoft      B. Juniper      C. Apple      D. Silicon Graphics
7. A smaller version of an image is called a:  
A. clipart      B.bitmap      C. portable network graphic      D.thumbnail
8. A project is packaged and delivered to the end user in the \_\_\_\_ stage.  
A. Delivery      B. Design and Production      C. Planning and Costing      D. Testing
9. What does OCR stands for?  
A. Optical Character Recognition      B. Optical Client Recognition  
C. Optical Content Recognition      D. Optical Customer Recognition
10. By applying \_\_\_\_ in Adobe Flash we can create an effect similar to morphing.  
A. Classic tween      B. Motion tween      C. Shape tween      D. None of these

(10 x 1 = 10 Marks)

### **Section B**

*Answer any six questions. Each question carries 2 marks*

11. Image aspect ratio.
12. Adobe Flash Builder
13. Object oriented programming.
14. Digital storage medium,
15. Streaming ...
16. Computer based training
17. Multimedia Architect
18. Authoring tools

**( 6 x 2 = 12 Marks)**

### **Section C**

*Answer any three questions. Each question carries 6 marks*

19. Describe the four basic navigational (organizing) structures following in Multimedia applications.
20. What are the possibilities of Multimedia technology in education?
21. Write a note on types of authoring tools.
22. What are the responsibilities of a Multimedia Project Manager?
23. What are the characteristics of a Multimedia system?

**( 3 x 6 = 18 Marks)**

### **Section D**

*Answer any two questions. Each question carries 10 marks*

24. Write a note on the possibilities of Multimedia technology in marketing and advertising?
25. Discuss the important considerations in preparing your multimedia project for delivery in the market place?
26. Write a note on testing and delivering stage of Multimedia applications.

**( 2 x 10 = 20 Marks)**