2 0 1 6

(October)

MASS COMMUNICATION AND VIDEO PRODUCTION

(Honours)

(Video for Communication)

(MV–H–301)

Marks : 38

Time : 2 hours

*The figures in the margin indicate full marks
for the questions*

Answer **all** questions

1. Answer any *five* of the following questions in
   2 or 3 sentences : 2×5=10

   (a) What is HDTV?

   (b) How does a CMOS sensor work?

   (c) Describe the 180° axis.

   (d) Define bandwidth.

   (e) Highlight the differences between
   component and composite video.

   (f) What is chiaroscuro lighting?

   (g) What is montage editing?

2. Trace the history and development of the video cameras. 7

Or

What do you understand by Video Broadcasting Standards? Describe the reasons which resulted in different TV standards for different countries. 2+5

3. Highlight the objectives of lighting. What is natural and artificial lighting? Mention the different lighting luminaries that are used in Studio production. 2+1+4

Or

What is colour temperature? Give the differences between a silhouette, rembrandt and limbolighting with suitable examples. 1+6

4. Explain in detail the different video connectors with diagrams. 7

Or

What is the structure of sound? How is it relevant to video scripting? Explain the different types of microphone for use in vision. 1+2+4

5. What is video editing? State the role of a video editor. Enumerate the various guidelines that a video editor has to keep in mind while editing. 1+2+4

Or

Define continuity editing. Differentiate between insert edit, assemble edit and time lapse editing. 2+5

★ ★ ★

2 0 1 6

(October)

MASS COMMUNICATION AND VIDEO PRODUCTION

(Honours)

(Photography)

(MV–H–302)

Marks : 38

Time : 2 hours

The figures in the margin indicate full marks for the questions

Answer **all** questions

1. Write short notes on the following : 2×5=10

   (a) View finder camera

   (b) Filter and filter factor

   (c) Depth of field

   (d) Key light and backlight

   (e) Image resolution

2. Define photography. Write a brief note on the history of photography. 2+5=7

(Turn Over)

Or

Explain, in detail, any two major types of camera and their functions. Use illustrations wherever necessary.   3+3+1=7

3. Describe in detail, various combinations of aperture and shutter speed.   7

Or

Define composition. Discuss the various techniques of a good composition.   2+5=7

4. Explain in detail the importance and basic characteristics of lighting in photography. Provide illustrations wherever necessary.   5+2=7

Or

What are various genres of photography? Name them and describe any two of them.   2+2+1½+1½=7

5. Discuss the emerging trends in post-modern photography and photo-post-processing.   3+4=7

Or

What are image sensors? Differentiate between CCD and CMOS image sensors. Establish the relationship between image sensors and image size.   2+3+2=7

★ ★ ★

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2 0 1 6

(October)

DESKTOP PUBLISHING, PUBLISHING TOOLS AND MULTIMEDIA

(Elective)

(For the Students of Mass Communication and Video Production only)

(Image Processing and Graphic Design)

[DTP–201 (T)]

Marks : 38

Time : 2 hours

The figures in the margin indicate full marks for the questions

PART—A

(Image Processing : Photoshop)

From Unit—I, choose *either* Question No. **1** *or* **2** and Question No. **3** is compulsory. From Unit—II, choose *any* **two** questions

UNIT—I

1. What do you understand by the term 'scanning'? What do you understand by 'resolution' of an image?   2½+2½=5

2. What are layer styles? Explain any two layer styles in Photoshop. 2+3=5

3. What do you understand by paths in Photoshop? Explain the steps involved in applying strokes to a selection. 2+2=4

UNIT—II

4. Explain the various reasons needed to retouch an image. What is the function of blur tool? 3+2=5

5. Explain the difference between RGB and CMYK colour mode. 5

6. Explain the difference between Clone Stamp tool and Patch tool. 5

PART—B

(Graphic Design : CorelDRAW)

From Unit—III, choose *either* Question No. **7** or **8** and Question No. **9** is compulsory. From Unit—IV, choose *any* **two** questions

UNIT—III

7. Bring out the difference between a raster image and a vector image. Why is the property bar window of CorelDRAW considered to be 'context-sensitive'? 3+2=5

(Continued)

8. Explain the difference between 'Group' and 'Weld' command in CorelDRAW. What do you mean by the 'Draft View' in CorelDRAW? 3+2=5

9. What do you understand by a fill in CorelDRAW? Explain the difference between texture and pattern fills. 2+2=4

UNIT—IV

10. Give the difference between artistic text and paragraph text. Explain the steps to create a Text Mask. 2+3=5

11. What is an envelope? Explain the four envelope modes of the Envelope tool. 1+4=5

12. What is extrusion? Explain any four types of extrusion. 1+4=5

★ ★ ★

2/E-79 (ii) (Syllabus-2015)