

Roll No.

Total Pages : 3

434303

Dec. 2019

B.Sc. (Animation) 3rd Semester,
Fundamentals of Audio & Video (BSC-AM-19-303)

Time : 3 Hours]

[Max. Marks : 75

Instructions :

1. It is compulsory to answer all the questions (1.5 marks each) of Part-A in short.
2. Answer any four questions from Part-B in detail.
3. Different sub-parts of a question are to be attempted adjacent to each other.

PART - A

1. (a) What do you mean by Digital technology? (1.5)
(b) Describe Bit Depth. (1.5)
(c) What is the use of microphone? (1.5)
(d) Define Editing. (1.5)
(e) Explain Sampling in sound department. (1.5)
(f) What do you mean by Video Effects? (1.5)

- (g) Explain Dolly movement in camera work. (1.5)
- (h) What is the use of Sound card? (1.5)
- (i) What is the use of Dissolve transition? (1.5)
- (j) What is Aspect Ratio? (1.5)

- 6. What are the major shot sizes used in video production? (15)
- 7. (a) What is the use of Sound Effects? Give example. (5)
- (b) Describe the process of Digital Audio Editing. (10)

PART - B

- 2. (a) Define the categories of Prime lenses with detailed description. (10)
- (b) Explain Digital zoom and its effects on the image. (5)
- 3. (a) What is compression? Why is it necessary for video production? (10)
- (b) Explain & differentiate between lossy and lossless compressions. (5)
- 4. Give the detailed explanation about the functions of DSLR Camera. (15)
- 5. (a) What is the difference between Interlaced and progressive scanned video? (5)
- (b) What are the advantages of Digital Editing? (10)