

**BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI
(END SEMESTER EXAMINATION)**

**CLASS: BAM
BRANCH: BAM**

**SEMESTER: III
SESSION: MO/2024**

SUBJECT: AN202 AUDIO VISUAL TECHNOLOGY

TIME: 3 Hours

FULL MARKS: 50

INSTRUCTIONS:

1. The question paper contains 5 questions each of 10 marks and total 50 marks.
 2. Attempt all questions.
 3. The missing data, if any, may be assumed suitably.
 4. Before attempting the question paper, be sure that you have got the correct question paper.
 5. Tables/Data hand book/Graph paper etc. to be supplied to the candidates in the examination hall.
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		CO	BL
Q.1(a)	Explain in detail the video camera technology from light to video signal.	[5]	CO1
Q.1(b)	Write a note on shutter speed and aperture.	[5]	CO1
Q.2(a)	Write a note on uses of various field of view in storytelling.	[5]	CO3
Q.2(b)	How does the line of action help the director in placing the camera at different angles to complete a scene?	[5]	CO3
Q.3(a)	Explain key, fill and back lights.	[5]	CO2
Q.3(b)	Write a note on hard and soft lights and their uses in video production.	[5]	CO2
Q.4(a)	What is the use of sound mixer in sound technology?	[5]	CO5
Q.4(b)	Write a note on any two types of microphones and their uses in sound production.	[5]	CO5
Q.5(a)	Explain and draw non-linear video editing interface.	[5]	CO5
Q.5(b)	What is compression? Why is it necessary for Video production?	[5]	CO4

:21/11/2024:E