

**BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI  
(MID SEMESTER EXAMINATION SP/2025)**

**CLASS: BSC.  
BRANCH: A&M**

**SEMESTER : VI  
SESSION : SP/2025**

**SUBJECT: AM306R1 MOTION GRAPHICS**

**TIME: 02 Hours**

**FULL MARKS: 25**

**INSTRUCTIONS:**

1. The question paper contains 5 questions each of 5 marks and total 25 marks.
  2. Attempt all questions.
  3. The missing data, if any, may be assumed suitably.
  4. Tables/Data handbook/Graph paper etc., if applicable, will be supplied to the candidates
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Q.1(a)	Explain the role of layers in motion graphics. How do they contribute to composition?	[2]	CO CO1	BL 2
Q.1(b)	Define motion graphics. How is it different from traditional animation?	[3]	CO1	1
Q.2(a)	What do you mean by resolution in digital motion graphics?	[2]	CO1	1
Q.2(b)	Discuss the significance of the safe area in a motion graphics composition.	[3]	CO1	1
Q.3(a)	What is the importance of rulers and guides in a motion graphics workflow?	[2]	CO1	2
Q.3(b)	Expand NTSC and PAL. Compare their relevance in motion graphics production.	[3]	CO1	1
Q.4(a)	How does masking enhance motion graphics compositions?	[2]	CO3	1
Q.4(b)	Describe different techniques to create and modify masks in After Effects.	[3]	CO3	3
Q.5(a)	Define a keyframe in motion graphics. What role does it play in animation?	[2]	CO2	1
Q.5(b)	Why is the Graph Editor useful in motion graphics? Explain with an example.	[3]	CO2	3

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