

021106T4ADM

ANIMATION AND DIGITAL MEDIA LEVEL 6

MD/OS/AN/CR/08/6/A

DEVELOP 2D ANIMATION

July/Aug 2024



**TVET CURRICULUM DEVELOPMENT, ASSESSMENT AND CERTIFICATION
COUNCIL (TVET CDACC)**

WRITTEN ASSESSMENT

TIME: 3 HOURS

INSTRUCTIONS TO CANDIDATE

1. This paper consists of two sections; **A** and **B**
2. Answer **ALL** the question as guided in each section
3. Marks for each question are as indicated in the brackets
4. You are provided with a separate answer booklet to answer the questions
5. Do not write in this question paper

*This paper consists of **FOUR (4)** printed pages
Candidates should check the question paper to ascertain that all pages are printed as indicated
and that no questions are missing*

SECTION A: (40 MARKS)

Attempt ALL the questions in this section

1. Imagine you're an animator tasked with creating a lively scene for an upcoming animated series. Outline FOUR crucial steps involved in setting the stage for character animation in your preferred animation software. (4 Marks)
2. You've been assigned to coordinate camera movements and instructions for an action-packed animation sequence. Identify TWO essential elements included in the exposure sheet to effectively manage camera instructions. (2 Marks)
3. As you embark on animating your character for a captivating scene, recall THREE benefits of employing pose-to-pose animation techniques in the animation process. (3 Marks)
4. Picture yourself animating a character's movements between key poses to achieve seamless motion. Highlight THREE types of poses integral to creating in-between character animations. (3 Marks)
5. You're tasked with bringing cut-out characters to life using animation software. Identify FOUR essential steps involved in this process to ensure dynamic character animation. (4 Marks)
6. Your animation project demands polished and coherent character movements. List THREE tasks involved in refining animation poses to enhance visual clarity and consistency. (3 Marks)
7. In your animation workflow, understanding motion curves is crucial. Define the term "motion curves" in character animation and elaborate on its role in achieving fluid and realistic motion sequences. (4 Marks)
8. You're striving to synchronize your character's mouth movements with dialogue for a convincing performance. Recall TWO techniques employed to achieve seamless synchronization between mouth shapes and dialogue in character animation. (4 Marks)
9. Picture yourself directing camera movements to capture the essence of a pivotal scene in your animation project. Outline any THREE step-by-step processes of directing camera techniques in animation scenes. (3 Marks)

10. Highlight the importance of accurately setting camera parameters as you direct camera movements for an animation sequence. Show THREE ways on how these parameters contribute to the overall effectiveness of camera techniques in animation. (3 Marks)
11. As you prepare your animation project, you need to utilize exposure sheets effectively. Identify THREE key components of an exposure sheet crucial for organizing animation production. (3 Marks)
12. Your animation poses play a significant role in captivating your audience. Outline FOUR characteristics of clean animation poses that enhance visual appeal and contribute to the overall quality of your animation. (4 Marks)

SECTION B: (60 MARKS)

Attempt any THREE Questions from this section

13. An animation studio is beginning work on a new scene for an animated film focusing on setting up the characters and exposure sheet.
- a) Explain FIVE steps involved in setting the scene and characters in animation software. (10 Marks)
 - b) Propose FIVE techniques for creating an exposure sheet tailored to scene requirements. (10 Marks)
14. A team of animators is tasked with creating pose-to-pose character animation for a key sequence in the film.
- a) Analyse FIVE steps for creating pose-to-pose character animation in the animation process. (10 Marks)
 - b) Critique FIVE methods for creating in-between character poses in achieving smooth motion transitions. (10 Marks)
15. An animation production company is utilizing cut-out characters for an upcoming project to expedite the animation process.
- a) Describe FIVE steps involved in animating cut-out characters. (10 Marks)
 - b) Justify the selection of FIVE techniques for cleaning animation poses, considering factors like precision frames and silhouette detailing. (10 Marks)
16. A director is overseeing the implementation of camera techniques to enhance the visual storytelling of the animated scene.
- a) Explain FIVE camera techniques employed in animation. (10 Marks)
 - b) Propose FIVE strategies for creating dynamic camera movements aligned with the exposure sheet and storyboard, ensuring visual coherence and narrative impact. (10 Marks)

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