

**ADMISSION TEST FOR CERTIFICATION COURSE ON 3D ANIMATION 2017**

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**UNIVERSITY OF DHAKA**

**TIME: 1 HOUR**

**TOTAL POINTS: 100**

**Applicant's Name: xxxxxxxxxxxx**

**National ID #: xxxxxxxxxxxx**

**ANSWER THE FOLLOWING QUESTIONS.**

**Basic computer knowledge [4 x 10 = 40 points]**

1. What is the full form of GPU and CPU? What are their functions.
2. What is a RAM? If a RAM has capacity of 4GB, how many bytes can it hold?

3. What are LCD and LED displays? What does it mean if display device has resolution of 720p, 1080p, and 4K?

4. Name 4 different operating systems. Which of them are free and which are copyright protected?

**General Knowledge of the world of animation [5 x 4 = 20 points]**

5. What is the full form of CGI and VFX?

6. What's the difference between 2D and 3D animation?

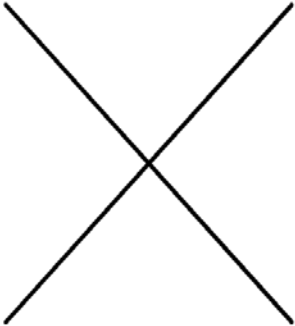
7. Name two 3D animated films, two 2D animated films and two action VFX films.

8. What is stop motion animation? Name different types of stop motion animation.

**Freehand Drawing [10 x 2 = 20 points]**

9. Draw a cube in perspective.

10. Create a drawing incorporating the lines below using your imagination: (it can be anything)



SAMPLE QUESTION

**Essay [20 points]**

11. Write a 250 word essay on the following topic: "Why I want to learn animation"

SAMPLE QUESTION