(Knowledge for Development)

KIBABII UNIVERSITY

UNIVERSITY EXAMINATIONS

2019/2020 ACADEMIC YEAR
FOURTH YEAR SECOND SEMESTER

MAIN EXAMINATION

FOR THE DEGREE OF BACHELOR OF JOURNALISM AND MASS COMMUNICATION

COURSE CODE: JMC 425

COURSE TITLE: INTRODUCTION TO DIGITAL ANIMATION

DATE: 12TH NOVEMBER, 2020   TIME: 9.00AM - 12.00PM

INSTRUCTION TO CANDIDATES

Answer Question **ONE** and any other **TWO** Questions

TIME: 2 Hours

This Paper Consists of 2 Printed Pages. Please Turn Over. ▶

KIBU observes **ZERO** tolerance to examination cheating.

QUESTION ONE - COMPULSORY (30 MARKS)

a) Distinguish between the following: (10 marks)

     i. MPEG and JPEG files.
     ii. Kinematics and morphing.
     iii. Stretching and skewing techniques.
     iv. Analogue and digital signal.

     v. Pixels and bits

b) Explain persistence of vision.   (2 marks)

c) Illustrate using HTML how you can create a web page of your family. Assume that your story requires two pages, it has images, texts, sounds and some text animations.   (10 marks)

d) Explain ways in which computer animation differs from traditional animation. 4 marks

e) Create a storyboard of tamasha week in Kibabii University.   (6 marks)

QUESTION TWO (20 MARKS)

a) Illustrate how you could use five point to illustrate your student life in Kibabii University.
                                                                        (15 marks)

b) Explain the concept of inbetweening with aid of an example.   (5 marks)

QUESTION THREE (20 MARKS)

a) Explain the stages in development of animation project.   (5 marks)

b) Explain how the study of digital animation may assist you in your career.   (5 marks)

c) Using the Table Tag illustrate how to organize your text in a WEB page into columns so it displays more like newspaper or a magazine.   (10 marks)

QUESTION FOUR (20 MARKS)

Discuss the ten principles of animation stating an application of each.

QUESTION FIVE (20 MARKS)

a) Discuss chroma keying.   (4 marks)

b) Discuss types of animation.   (12 marks)

c) Using a block diagram outline the digitization process.   (4 marks)