



THE MOMBASA POLYTECHNIC UNIVERSITY COLLEGE

(A CONSTITUENT COLLEGE OF JKUAT)

Faculty of Business & Social Studies

DEPARTMENT OF MEDIA & GRAPHIC DESIGN

DIPLOMA IN GRAPHIC DESIGN

(DG III)

BGD 2208: PHOTOGRAPHY & VIDEO TECHNIQUE

END OF SEMESTER EXAMINATIONS

SERIES: NOVEMBER/DECEMBER 2011

TIME: 2 HOURS

INSTRUCTIONS:

- This paper consists of **TWO** Sections **A & B**.
- Section **A** is **Compulsory**.
- Answer any other **THREE** questions in Section **B**.

This paper consists of Three printed pages.

SECTION A (Compulsory)

QUESTION 1

- a) Describe with relevant examples the following TV production crew. **(8 marks)**
- i) Non-technical production personnel
 - ii) Non-engineering technical production personnel.
- b) Explain dolling en. **(2 marks)**

QUESTION 2

- a) Define the following editing terms: **(4 marks)**
- i) Frame rate
 - ii) Aspect ratio
- b) Explain this HDTV expression: 1080i30. **(2 marks)**
- c) Highlight **TWO** advantages of HDTV. **(4 marks)**

QUESTION 3

- a) List **TWO** reasons why you may want to use a wide-angle lens. **(4 marks)**
- b) Describe the following camera movements: **(6 marks)**
- i) Tilt
 - ii) Pedestal
 - iii) Trucking

SECTION B (Answer any **THREE** questions)

QUESTION 4

- a) Define the following terms: **(3 marks)**
- i) Spot light
 - ii) Flood light
 - iii) Soft light
- b) Explain the positioning and role of the following lights in a photographic setup. **(6 marks)**
- i) Key light
 - ii) Fill light
 - iii) Backlight
- c) The sun is constantly moving. Explain how this affects outdoor illuminations. **(1 mark)**

QUESTION 5

- Discuss any **FIVE** basic elements/principles of video graphics. **(10 marks)**

QUESTION 6

The main camera settings affecting how image is recorded are:

- a) Shutter speed
- b) Aperture size or iris
- c) Lens focal length
- d) Gain/sensitivity

Choose **TWO** of the above and discuss what effect it has on the image.

(10 marks)

QUESTION 7

a) Highlight the difference between linear and nonlinear editing.

(2 marks)

b) Define the following terminologies:

(4 marks)

- i) Dedicated editor
- ii) Software based editor

c) Briefly discuss Screen direction and the 180 degree rule.

(4 marks)