



TECHNICAL UNIVERSITY OF MOMBASA

School of Humanities and Social Sciences

Department of Communication Studies

**UNIVERSITY EXAMINATION FOR:
BACHELOR OF BROADCAST JOURNALISM
HBJ 4405: LIGHTING FOR TELEVISION
END OF SEMESTER EXAMINATION
SERIES: DECEMBER 2024
TIME: 2 HOURS
DATE: DECEMBER 2024**

Instructions to Candidate

You should have the following for this examination

-Answer Booklet, examination pass and student ID

This paper consists of five questions. Answer Question **ONE** and any other **TWO** questions. **Do not write on the question paper.**

QUESTION ONE (30Marks)

COMPULSORY QUESTION

- | | |
|---|----------|
| a) What is lighting? | (4Marks) |
| b) Give FIVE objectives of lighting | (5Marks) |
| c) State and explain at least four goals of lighting for television | (8Marks) |
| d) Why is control of light in television necessary? | (2marks) |
| e) Identify six ways of controlling light | (6marks) |
| f) Describe a light meter and explain how it is used. | (5Marks) |



- g) Give four ways one could use to ensure lamp care and safety (4Marks)

QUESTION TWO (20Marks)

- a) Explain what you understand by the following terms
- i. Barn door (2Marks)
 - ii. Diffuser (2Marks)
 - iii. Zebra (2Marks)
 - iv. Incident light (2Marks)
 - v. Gel (2Marks)
- b) Explain the difference between 3-point lighting and 4-point lighting (4Marks)
- a) Describe how to set up a Four-point lighting (6marks)

QUESTION THREE (20Marks)

- a) There are a number of generally accepted principles for lighting people. State at least FIVE of them. (5Marks)
- b) What advice would you give to someone who wishes to do a lighting treatment on location? (15marks)

QUESTION FOUR (20Marks)

- a) Describe light dispersion in terms of the following:
- i) Floodlights
 - ii) Spotlights
 - iii) Follow spots (10Marks)



- b) Discuss the all important questions that one should address before lighting a production (10Marks)

QUESTION FIVE (20marks)

Describe the techniques of setting up lamps under the following headings:

- i) The subject (4marks)
- ii) The Keylight (6marks)
- iii) The fill light (3marks)
- iv) The back light (3marks)
- v) Background light (4marks)

