



MERU UNIVERSITY OF SCIENCE AND TECHNOLOGY

P.O. Box 972-60200 – Meru-Kenya.

Tel: +254 (0)799529958, +254 (0)799529959, +254 (0)712524293

Website: www.must.ac.ke Email: info@must.ac.ke

University Examinations 2024/2025

FIRST YEAR, SECOND SEMESTER EXAMINATION FOR THE DEGREE OF MASTER IN
MEDICAL EDUCATION

HME 5126: EVALUATION OF HEALTH PROGRAMMES

DATE: JANUARY 2025

TIME: 3 HOURS

INSTRUCTIONS:

Answer all Questions in Question one and any other three Questions

QUESTION ONE (40 MARKS)

1. State two characteristics of a good evaluation of medical education programmes. (2 marks)
2. Explain two methods of conducting meta-evaluation in medical education programs. (2 marks)
3. Outline two elements of programme theory (that are used to guide evaluation in medical courses). (2 marks)
4. Highlight two uses of program evaluation in medical education. (2 marks)
5. Explain how program planning relates to program evaluation (2 marks)
6. Identify two key elements that characterize each of the following evaluation models.
 - i.Economic model (2marks)
 - ii.System model (2 marks)
 - iii.Results model (2 marks)
 - iv.Explanatory process model (2 marks)
 - v.Logic models (2marks)
7. Differentiate between collaborative evaluation from empowerment evaluation (4 marks)



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8. State two good practices of program evaluation. (2marks)
9. State two factors that increase the use of evaluation results. (2 marks).
10. State two important critical success factors of managing change in program evaluation. (2marks)

SECTION B: Answer three Questions. Each question is 10 marks

QUESTION TWO (10 MARKS)

11. a) Discuss any five dimensions of Stake's (1976) evaluation model of educational programmes. (10 marks).
- b) One of the most widely applied evaluation approaches in medical education is Kirkpatrick's hierarchy model. Discuss the various levels of this model, highlighting the major strengths and weaknesses of this model. (10 marks).

QUESTION THREE (10 MARKS)

12. Discuss major ethical issues in programme evaluation practice. (10 marks)

QUESTION FOUR (10 MARKS)

You've been awarded a consultancy to conduct program evaluation for medical education programme in Meru University of Science and Technology. Describe the steps you'd take (10 marks).

QUESTION FIVE (10 MARKS)

13. Discuss major factors an evaluator should consider before making recommendations for actions after programme evaluation in medical education. (10 marks)

