



**MASENO UNIVERSITY
SCHOOL OF MEDICINE
MChB PROGRAM
2012/2013 ACADEMIC YEAR**

**BEHAVIORAL SCIENCE (MCH 100)
END OF FIRST YEAR SUPPLEMENTARY EXAMINATION
FOR THE DEGREE OF
BACHELOR OF MEDICINE AND BACHELOR OF SURGERY
(MChB) DEGREE WITH INFORMATION TECHNOLOGY (IT)**

DATE: 9TH JANUARY, 2014

TIME: 9.00 AM - 12.00 PM



BEHAVIORAL SCIENCE

(3 HOURS)

READ THE INSTRUCTIONS CAREFULLY

1. The examination paper consists of **FOUR (4)** questions.
2. Answer any **THREE (3)** questions.
3. **Answer questions in the BOOKLET provided.**
4. **Begin every answer on a new page of the ANSWER BOOKLET.**



1. (a) Explain the reasons for safeguarding the family as the basic social unit of society. (7 marks)
(b) Describe ways in which family pathology manifests itself. (5 marks)
(c) Using examples, explain negative sick role that may be displayed by patients. (4 marks)
(d) Explain ways in which religion influences health behavior. (4 marks)
2. (a) (i) Explain the role of teratogens in prenatal development. (8 marks)
(ii) Outline factors that determine the effectiveness of a teratogen. (4 marks)

(b) Discuss the social and environmental influences on health status of individuals. (8 marks)
3. (a) Explain factors that may make a sick person to seek the services of a traditional healer. (5 marks)
(b) Explain limitations of traditional medicine. (4 marks)
(c) Describe how you would apply the following to influence positive health outcomes in patients:
(i) Operant conditioning (4marks)
(ii) Modelling (4 marks)
4. (a) Discuss the biological influences on personality. (10 marks)
(b) Describe the functions of emotions. (5marks)
(c) Explain the relationship between motivation and health. (5 marks)