



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL OF SPATIAL PLANNING
UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF ARTS IN
SPATIAL PLANNING
SEMESTER 2016/2017 ACADEMIC YEAR

CENTRE: MAIN CAMPUS

COURSE CODE: PES 3327

COURSE TITLE: PLANNING FOR HEALTH SERVICES

EXAM VENUE:

STREAM: SPATIAL PLANNING

DATE:

EXAM SESSION:

TIME: 2 HOURS

Instructions:

- 1. Answer question 1 (compulsory) and ANY other 2 questions.**
- 2. Candidates are advised not to write on the question paper.**
- 3. Candidates must hand in their answer booklets to the invigilator while in the examination room.**

QUESTION ONE

- a.) Discuss the following factors in relation to the planning for health services:-
- i.) Demography. (3 marks)
 - ii.) Target area. (3 marks)
 - iii.) Doctor patient ratio. (3 marks)
 - iv.) Health budget. (3 marks)
 - v.) Target population's education level. (3 marks)
- b.) Explain how researches on diseases affect how planners consider projections when planning for health facilities. (10 marks)
- c.) Discuss what leads to the cyclic emergence of diseases like meningitis. (5 marks)

QUESTION TWO

- a.) Malaria remains the single biggest killer in Africa. As a health service planner explain the measures that need to be put in place to reverse that trend. (10 marks)
- b.) Discuss the relevance of disease mapping in the planning process for health services. (10 marks)

QUESTION THREE

- a.) Ben and Reuben have discussed at length analytical and quantitative modeling of diseases incidence and distribution. Discuss their points. (10 marks)
- b.) Johnson Ogweno has been complaining about the interference of vested interests in his recommendations for the eradication of malaria in Africa. Explain some of his complaints. (10 marks)

QUESTION FOUR

- a.) Alego Ndege, a consultant for World Health Organization on tropical diseases has requested you to help him develop a document on sustainable financing of future universal health care in Bondo County. Discuss the points you gave him. (10 marks)
- b.) Explain five innovative vector based interventions that may be recommended by medical planners in the fight against diseases in Africa. (10 marks)

QUESTION FIVE

- a.) Health financing remains one of the biggest challenges for planners. Discuss (10 marks)
- b.) Explain the challenges posed by super bugs to modern health planners. (10 marks)