

UNIVERSITY OF ESWATINI
FACULTY OF HEALTH SCIENCES
DEPARTMENT OF COMMUNITY HEALTH NURSING SCIENCE
MAIN EXAMINATION-FIRST SEMESTER
MAY 2021

COURSE CODE: CHN425
COURSE TITLE: COMMUNITY HEALTH NURSING II
TIME ALLOWED: 2 HOURS
TOTAL MARKS: 75

Number of pages including the cover page: 4

INSTRUCTIONS

1. THE PAPER HAS 3 QUESTIONS WITH 25 MARKS EACH
2. ANSWER ALL QUESTIONS

**DO NOT OPEN THE QUESTION PAPER UNTIL PERMISSION HAS BEEN
GRANTED BY THE CHIEF INVIGILATOR.**

QUESTION 1**1.1 Read the scenario below and answer the questions that follow.**

Mr X, a 62 year old man, came to your clinic 2 weeks ago, presenting with cough, night sweat and unexplained weight loss. Upon history taking, Mr X is an ex miner who worked in the mines for 20 years. He was treated for TB 10 years ago and was cured. He is a breadwinner in the family, currently working as a security guard in the clinic. He is living with his wife and 6 grandchildren in a 2 roomed poorly ventilated house, which is located in one of the squatter settlement in the area. Sputum samples were collected for TB investigation. Mr X was also tested for HIV and he tested HIV positive.

- a) Outline **ALL** the risk factors that pre dispose(d) Mr X to TB disease (5 marks)
- b) Mr X tested HIV positive today. Should he be initiated on antiretroviral today? Justify your response. (2 marks)

1.2

Global reports for COVID 19 indicate that there was a resurgence of COVID 19 cases during the early winter period of November 2020 in the United State and European Countries.

- a) Other than the winter season, explain the resurgence of COVID 19 cases using a relevant model of your choice. (10 marks)
- b) Explain the rationale for the chosen model. (8 marks)

TOTAL: 25 MARKS

QUESTION 2**2.1 Read the scenario below and answer the questions that follow.**

“*Live Longer (LL)*” is a health promotion Programme established by the Ministry of health (MoH) 2 years ago, whose mandate is to reduce incidents and complications of Non Communicable Diseases (NCDs) through screening for NCDs, promoting and reinforcing physical activity and healthy diets among people in the communities. This Programme has come to an end of their 2-year period of implementation. However, the MoH wants to extend the implementation of the Programme for another 2 years focusing on the workplace setting. Funding for the extension has since been secured.

- a) Discuss the level(s) of prevention implemented through the activities of this organization? (6 marks)
- b) Discuss the 2 types of evaluation applicable at this stage for Live Longer program and elaborate on how each type of evaluation will assist the organization. (6 marks)
- c) There is need to conduct nutritional assessment in the community where Live Longer program was implemented.
 - i. Define nutrition (1 mark)
 - ii. Establishing dietary patterns is one of LL’s initiatives towards reducing NCDs. As a community health nurse trained in nutrition, describe how you would go about conducting the nutritional assessments of the people in the workplace. (12 marks)

TOTAL: 25 MARKS

QUESTION 3**3.1 Read the scenario below and answer the questions that follow.**

According to annual reports analysis for company X, there is a trend signalling a significant reduction in production for the past 5 years. According to reports from investigators, this reduction in productivity is attributed to increase in the number of claims for injury on duty, absence from duty due to sickness, early retirement due to ill health and other factors. This company has been advised by experts to establish an occupational health service centre/department to restore and improve the company's productivity. You have been commissioned by management to lead the establishment of the occupational health service centre/department for this organisation.

- a) Explain the critical steps necessary for the set-up of an occupational health service center/department. (15 marks)
- b) Occupational Health has to be multidisciplinary hence different disciplines should be involved even at establishment stage. Mention at least 5 disciplines and their roles in establishment of Occupational Health Service Centre (5 marks)
- c) Explain at least 5 essential services that has to be offered by this Occupational Health Service Centre (OHSC) (5 marks)

TOTAL: 25 MARKS