

UNIVERSITY OF EMBU

2017/2018 ACADEMIC YEAR

SECOND SEMESTER EXAMINATIONS

FIRST YEAR EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE (COMMUNITY HEALTH)

HCS 127: BASIC HEALTH SKILLS

DATE: APRIL 10, 2018

TIME: 2:00 - 4:00 PM

INSTRUCTIONS:

Answer Question ONE and ANY Other TWO Questions

QUESTION ONE (30 MARKS)

Infection prevention is one of the key measures that should be taken when dealing with infected people

- a) Describe the different practices that should be observed to prevent the spread of infection
 - i) Individual level

(5 marks)

ii) Community level

(10 marks)

- b) Disinfection is achieved through many ways in the health facility
 - i) Explain 3 methods of decontamination that can be used in the health facility

(6 marks)

ii) Describe three ways which are effective in high level decontamination (9 marks)

QUESTION TWO (20 MARKS)

Drugs are important in the treatment of different ailments

a) State 5 formulations that are available in the market (5 marks)

 b) State seven routes of drug administration that can be used to deliver the drugs in to the body (7 marks)

c) State 4 advantages of one route of drug administration mentioned above (4 marks)

d) Identify the 4 classes of adverse drug reactions (4 marks)

QUESTION THREE (20 MARKS)

Once a drug is taken in to the body, various mechanisms will ensure that the drug will bring about the intended action in the body

a) Explain how a drug taken via the oral route would reach its action target organ
 (pharmacokinetics) (8 marks)

b) State the different effects that the drug may have on the body (Pharmacodynamics)
(4 marks)

c) State four food drug interactions that may occur in the body (4 marks)

d) Explain how one would apply a topical cream when dressing a wound (4 marks)

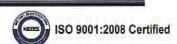
QUESTION FOUR (20 MARKS)

Immunization plays a key role in the primary prevention of diseases.

 a) State four vaccines and their routes of administration that will be administered to a child at 10 weeks of age (8 marks)

b) State 10 conditions that are immunizable in Kenya (10 marks)

c) State 2 advantages that the killer vaccines (toxoids) have over the live vaccines (2 marks)



QUESTION FIVE (20 MARKS)

Different procedures are used in assisting a patient who is critically ill

- a) Describe 4 positions that the patient can be assisted to adopt in bed (12 marks)
- b) State four complications that may arise as a result of prolonged stay in bed

(4 marks)

c) Explain 2 ways that are used during pressure area care

(4 marks)

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