



MERU UNIVERSITY COLLEGE OF SCIENCE & TECHNOLOGY

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University Examinations 2010/2011

FIRST YEAR, FIRST SEMESTER EXAMINATIONS FOR THE DEGREE OF BACHELOR OF COMMERCE /
DEGREE OF BACHELOR OF BUSINESS IN INFORMATION TECHNOLOGY/ DEGREE OF BACHELOR OF
SCIENCE IN INFORMATION TECHNOLOGY / DEGREE OF BACHELOR OF SCIENCE IN COMPUTER
TECHNOLOGY / DEGREE OF BACHELOR OF SCIENCE IN MATHEMATICS AND COMPUTER SCIENCE /
DEGREE OF BACHELOR OF PURCHASING AND SUPPLIES MANAGEMENT / DEGREE OF BACHELOR OF
SCIENCE IN COMPUTER SCIENCE

SZL 2111: HIV/AIDS

DATE: DECEMBER 2010

TIME: 2 HOURS

INSTRUCTIONS: Answer question *one* and any other *two* questions

QUESTION ONE – (30 MARKS)

- (a)
- (i) Explain the importance of effective public health system and hygiene in the community.
Given two reasons. (1 Marks)
- (ii) What is a Virus? Briefly explain the meaning of HIV/AIDS. (1 Marks)
- (iii) Briefly explain the meaning of “Innocent-Victim” in relation to HIV/AIDS. Give two
examples of such examples. (2 Marks)
- (iv) Give two reasons why HIV/AIDS has been described as a formidable-disease”
(2 Marks)
- (v) Briefly explain the role of CD4 Cells.
(2 Marks)
- (b)
- (i) Differentiate between the following terms; ‘endemic and pandemic’ (2 Marks)
- (ii) Briefly explain what prevalence of HIV/AIDS is. Give two methods of collection
HIV/AIDS prevalence data used in your country. (2 Marks)
- (iii) What is meant by ‘Discordant Couples or partners’ in relation to HIV/AIDS? Briefly
explain. (2 Marks)

- (iv) What is the importance of blood screening before transfusion? (2 Marks)
- (v) Explain what is meant by viral-load in relation to HIV/AIDS. Give 2 uses of viral load. (2 Marks)
- (c)
 - (i) Differentiate between HIV type 1 and HIV type 2 (2 Marks)
 - (ii) What role do voluntary counseling and testing centers (VCTs) play in relation to HIV/AIDS (2 Marks)
 - (iii) Briefly explain what is meant by ‘stigmatization and discrimination’ in relation to HIV/AIDS. (2 Marks)
 - (iv) Briefly explain two main dangers of genital mutilation (FGM) (2 Marks)
 - (v) Why is male circumcision necessary in relation to HIV/AIDS? (2 Marks)
 - (vi) Briefly explain what is meant by ‘positive-living’ in relation to HIV/AIDS. (2 Marks)

QUESTION TWO – (20 MARKS)

- (a) Briefly explain the main modes of HIV/AIDS transmission in your country. (5 Marks)
- (b) Why is sexual contact considered to be the main ways/methods of HIV/AIDS transmission? Briefly give four reasons. (4 Marks)
- (c) Briefly explain ‘three’ ways/methods on how the mother can transmit HIV/AIDS Virus to her child (MTCT) (3 Marks)
- (d) Briefly explain how intravenous drug users and contaminated piercing instruments can transmit HIV/AIDS. (4 Marks)
- (e) What are the main factors that fuel the spread of HIV/AIDS in your community? Give four factors. (4 Marks)

QUESTION THREE – (20 MARKS)

- (a) What are the main measures or actions which have been taken by the Government to prevent and control HIV/AIDS in your country? (5 Marks)
- (b) Briefly explain the role played by Faith Based Organizations (FBOs) in prevention and control of HIV/AIDS in your country. (5 Marks)
- (c) Briefly explain the role played by “peer counseling” in institutions and work places in your country. (5 Marks)
- (d) Briefly explain the main advantages of Home-based care (HBC) in taking care of people living with HIV/AIDS (PLWHAS) (5 Marks)

QUESTION FOUR – (20 MARKS)

- (a)
 - (i) What do we mean by adolescence?

- (ii) Briefly explain four main changes the adolescents undergo either physically or emotionally. (4 Marks)
- (b) What are the major challenges the adolescents in your community face? Briefly explain four such challenges. (4 Marks)
- (c)
 - (i) What is myth?
 - (ii) Briefly explain four main results of observing the various myths blindly. (4 Marks)
- (d)
 - (i) Briefly explain what do we mean by drug-abuse?
 - (ii) What drugs are mostly abused in your country? Give 4 examples. (4 Marks)
- (e) Why is it necessary to guide and counsel adolescents in relation to HIV/AIDS? Give four reasons. (4 Marks)

QUESTION FIVE – (20 MARKS)

- (a)
 - (i) What do we mean by vulnerability in relation to HIV/AIDS? (1 Marks)
 - (ii) Give 2 examples on vulnerable groups.
 - (iii) Discuss vulnerability of women in Africa to HIV/AIDS infections. Give 3 factors. (2 Marks)
- (b)
 - (i) What are the main factors that inhibit people living with HIV/AIDS (PLWHAS) to come out in open about HIV/AIDS? (2 Marks)
 - (ii) Why is it necessary to involve men in the HIV/AIDS preventive and control programmes today? Briefly discuss. (2 Marks)
 - (iii) People living with HIV/AIDS (PLWHAS) undergo varied experiences and consequently display different feelings and emotions. Briefly trace and comment on 2 such experiences and emotions they undergo. (2 Marks)
 - (iv) Briefly discuss the impacts of HIV/AIDS on the teaching profession. (2 Marks)
- (c)
 - (i) What do we mean by “burn-out’ in relation to HIV/AIDS? (1 Marks)
 - (ii) What measures should be taken to minimize “stress and burn-out” in caregivers? Briefly explain 3 methods/ways. (3 Marks)
 - (iii) Why is HIV/AIDS disease “still spreading” despite the great efforts taken in disseminating the information, awareness, education and other preventive and control measure? Briefly discuss. (2 Marks)