



## UNIVERSITY OF EMBU

2018/2019 ACADEMIC YEAR

SECOND SEMESTER EXAMINATIONS

THIRD YEAR EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE  
(NURSING)

HNS 312: SEXUAL AND REPRODUCTIVE HEALTH

DATE: APRIL 11, 2019

TIME: 8:30-11:30AM

### INSTRUCTIONS :

**Answer:**

**All MCQs in Section A;**

**All Short-answer Questions in Section B**

**All Long-answer Questions in Section C**

**Cancelled work should be done neatly by crossing with a single line in the essay and by use of X in the MCQs**

### SECTION A: MULTIPLE CHOICE QUESTIONS (TOTAL: 20 MARKS)

**Choose (CIRCLE/TICK) only one correct answer from the following questions**

- 1) The 90-90-90 strategy as outlined in the Kenya AIDS strategy framework 2014– 2019 respond to:
  - a) Identification of all people living (PLHIV) with HIV is the first 90
  - b) Get 90% of viral suppression refers to the second 90
  - c) Get 90% of PLHIV linked and retained on ART treatment refers to third 90
  - d) Get 90% of PLHIV identified refers to the third 90
- 2) The following factor increases the risk of mother to child transmission of HIV:
  - a) Seroconversion during pregnancy
  - b) Spontaneous rupture of membranes.



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- c) Low viral load
  - d) Amniotomy
- 3) Second trimester miscarriage:
- a) Is diagnosed after exclusion of infection and hemorrhage.
  - b) Occurs between 12 to 24weeks' gestation.
  - c) Can be associated with rupture of the fetal membranes.
  - d) Is painless and associated with excessive bleeding
- 4) During Prevention of Mother to Child Transmission:
- a) ART should be initiated in ALL pregnant and breastfeeding women living with HIV
  - b) ART should be initiated regardless of gestation, WHO clinical stage or CD4 cell count
  - c) ART should be started on same day as HIV diagnosis
  - d) Patients already on ART, should continue ART in pregnancy unless the regimen is contraindicated
- 5) The following is true about gender-based violence:
- a) Once men are sexually aroused, they cannot stop.
  - b) Spouses cannot sexually assault each other
  - c) Rapes only occur by strangers in dark alleys
  - d) Sexual offenders are many times known by the victim
- 6) Primary syphilis (Stage I) presents with:
- a) Reddish rash on the palms of the hands
  - b) Firm and painless genital ulcers
  - c) Sore throat and swollen lymph glands
  - d) Muscle weakness and visual changes
- 7) The normal sequence of puberty in females is:
- a) Thelarche, adrenarche, growth, menarche.
  - b) Menarche, adrenarche, thelarche, growth.
  - c) Growth. thelarche, adrenarche, menarche
  - d) Adrenarche, thelarche, growth, menarche



- 8) The follicular phase of menstrual cycle is characterized by:
- a) Endometrial gland proliferation
  - b) Decreased Ovarian Estradiol production.
  - c) Progesterone dominance.
  - d) A fixed length of 8 days.
- 9) The following is included in a health education to a patient with genital herpes?
- a) "You will not be contagious when you are taking your antiviral medications
  - b) "This infection increases your risk of human immunodeficiency (HIV) virus infection."
  - c) "There is no cure for genital herpes, but outbreaks can be shortened with medication."
  - d) "Transmission of the virus can occur even if there are no visible herpes sores."
- 10) After menopause:
- a) There is increase in vaginal acidity
  - b) Gonadotropins secretion falls.
  - c) There is recurrent vaginal bleeding.
  - d) Bone mineral density increases.
- 11) The use of estrogen alone in menopausal women increase the risk of:
- a) Endometrial cancer
  - b) Ovarian cancer
  - c) Cervical cancer
  - d) Breast cancer
- 12) Human Papilloma Virus causes cervical cancer by:
- a) Killing cells that would normally find and destroy cancer cells
  - b) Preventing normal growth signals from reaching cells
  - c) Blocking the entry to the cervix
  - d) Producing proteins that interfere with normal cell functions
- 13) The following is true concerning the carcinoma of the ovary
- a) Has a good prognosis if the capsule of the ovary has been penetrated
  - b) Is classified as stage II if it has spread to the pelvic peritoneum
  - c) Stage I typically spreads across the peritoneal cavity
  - d) Is aggravated by estrogens



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- 14) At which stage of syphilis can neurosyphilis occur:
- a) Primary syphilis
  - b) Secondary syphilis
  - c) Early latent syphilis
  - d) Late Latent syphilis
- 15) A syphilis chancre can mimic which diseases:
- a) Herpes and chancroid
  - b) Chlamydia and herpes
  - c) Gonorrhoea and chlamydia
  - d) Herpes and gonorrhoea
- 16) Bartholin's cyst:
- a) Should always be excised to prevent recurrences
  - b) Are usually bilateral
  - c) May be easily confused with Bartholin's abscess
  - d) Are usually very painful
- 17) The following is true about bacterial vaginosis:
- a) Is the most common cause of vaginal discharge
  - b) Is more common in women with an IUCD in situ
  - c) Causative organism is candida albicans
  - d) Is diagnosed by HVS (high vaginal swab) for culture
- 18) The best method for family planning in HIV mother is:
- a) IUCD
  - b) BTL
  - c) Dual method
  - d) Implanon
- 19) In men erectile dysfunction is associated with high levels of :
- a) Testosterone
  - b) Prolactin
  - c) Estrogen
  - d) prostaglandin



20) A person who has emotional, romantic, or sexual attractions to members of the other sex is labeled:

- a) Heterosexual
- b) Homosexual
- c) Bisexual
- d) Asexual

**SECTION B: Answer ALL the questions in this section (40 marks; Use the answer booklet provided)**

- 1) Explain five reproductive health indicators (5 marks)
- 2) Outline the five elements of post abortion care (5 marks)
- 3) State Five indirect causes of maternal mortality. (5 marks)
- 4) State six causes of infertility in females (5 marks)
- 5) Explain five types of abortion (5 marks)
- 6) Outline six (6) reproductive health consequences of Sexual and Gender Based Violence (6 marks)
- 7) Explain the three types of Female Genital Cutting (8 marks)

**SECTION C: Answer ALL the questions in this section (40 marks; Use the answer booklet provided)**

- 1) Sexual and Gender Based Violence (SGBV) has a great impact on the survivors and their access to health services in developing countries.
  - a) Explain four (4) types of SGBV and give an example in each type (8 marks)
  - b) Describe four (4) key components in the medical management of SGBV (12 marks)
- 2) Gender mainstreaming needs to be applied in all sectors of any developing country and the Health sector is no exception. Using relevant examples;
  - a) State four (4) health-based biasness (4 marks)
  - b) Explain eight (8) strategies for achieving gender mainstreaming in health (16 marks)

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