



**MASINDE MULIRO UNIVERSITY OF  
SCIENCE AND TECHNOLOGY  
(MMUST)**

**MAIN CAMPUS**

**UNIVERSITY EXAMINATIONS  
2021/2022 ACADEMIC YEAR**

**SECOND YEAR FIRST TRIMESTER EXAMINATIONS**

**FOR THE DEGREE  
OF  
BACHELOR OF SCIENCE IN NURSING, MEDICAL SOCIAL  
WORK, PARAMEDICAL SCIENCE**

**COURSE CODE: NCN 224.NCN225.NMS 223,NPP323**

**COURSE TITLE: HIV/AIDS/STI MANAGEMENT**

**DATE: Wednesday 20/4/2022**

**TIME: 11.30 am-2.30 pm**

**INSTRUCTIONS TO CANDIDATES**

Question ONE (1) is compulsory  
Answer FOUR (4) questions

**TIME: 3 Hours**

MMUST observes ZERO tolerance to examination cheating

This Paper Consists of 4 Printed Pages. Please Turn Over. ►

- a) pregnancy
  - b) childbirth
  - c) breastfeeding
  - d) elective caesarian section
9. The core of the HIV virus is made up of ;
- a) P24
  - b) P17
  - c) P6
  - d) P7
10. A patient came complaining of a vaginal discharge that is thin and grayish white and has a foul fishy smell.the above condition is:
- a) candidiasis
  - b) gonorrhoea
  - c) bacterial vaginosis
  - d) trichomoniasis
11. One of the 4 C's of STI management include:
- a) Contact relatives
  - b) Comply to treatment
  - c) Careful selection of partner
  - d) Confrontation
12. A clinical features of stage IV in pediatric HIV is:
- a) Oral candidiasis (thrush) after 2 months
  - b) Pulmonary tuberculosis (TB) or lymph node TB
  - c) Recurrent severe bacterial meningitis
  - d) Severe, recurrent bacterial pneumonia
13. Genital warts are caused by:
- a) Treponema pallidum
  - b) human papiloma virus
  - c) herpes simplex virus
  - d) Neisseria species
14. You are assessing a young male. He has both blisters and ulcerations on the shaft of his penis .The most likely medical diagnosis is;
- a) Genital herpes
  - b) Chlamydia
  - c) Gonorrhoea
  - d) Genital warts
15. Post Exposure Prophylaxis should be given to clients:
- a) Within 48 hours
  - b) Who should be on HAART
  - c) Who have been raped
  - d) Who show signs of HIV infection
16. Which major organ can be affected by untreated syphilis?
- a) heart

- b) Explain any two tests used to diagnose HIV (4marks)
- c) (i) Classify any three classes of anti-retroviral drugs describing the mode of action and giving 2 examples in each category.( 9marks)
- c)(ii) Explain 5 goals of antiretroviral drugs ( 5marks)