**KENYA MEDICAL TRAINING COLLEGE – NYAMIRA**

**END OF YEAR TWO SEMESTER ONE EXAMINATION**

**SEPTEMBER 2014 KRCHN CLASS (PRE-SERVICE)**

**STI EXAMINATION**

DATE: …………………… TIME:…………………..

**INSTRUCTIONS**

1. Read the questions carefully and answer only what is asked.
2. Enter your examination number and question number on each page used.
3. ALL questions are compulsory.
4. For part 1 (MCQs), write the answer in the spaces provided on the answer booklet and each MCQ is one (1) mark.
5. For Part 2 (SHORT ANSWER QUESTIONS), answer the questions following each other.
6. For Part 3 (LONG ANSWER QUESTIONS), answer to each question MUST start on a separate page.
7. Omission of and or wrong numbering of a question or part of the question will result in 10% deduction of the marks scored from the relevant part.
8. Do NOT use a pencil.
9. Mobile phones are NOT allowed in the examination hall.

For Examiner:

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| --- | --- | --- | --- | --- |
| **MCQS** | **SAQS** | **LAQS 1** | **LAQS 2** | **TOTAL** |
|  |  |  |  |  |

**PART ONE: MCQS (MULTIPLE CHOICE QUESTIONS) S T I– 10 MARKS**

Q.1. Which cell does HIV use to replicate itself?

1. B-cell
2. CD4 cell.
3. CY8 cell.
4. T killer cell.

Q.2. Which of the following is a characteristic of primary infection with HIV?

1. Signs and symptoms similar to influenza.
2. Extremely low viral load.
3. ELICA and EIA have negative results.
4. High CD4 cell count.

Q.3. Which of the following statements is true about vaginosis?

1. It is caused by a fungus of the yeast family.
2. It causes premature rapture of membranes in a pregnant woman.
3. May cause genital ulcers.
4. It can be treated with ceftriaxone 250mg stat.

Q.4. Latent syphilis:

1. Is characterized by presence of a chancre.
2. Is characterized by granulomatous lesions called gumma.
3. Is free from signs and symptoms.
4. Is the destructive stage of syphilis.

Q.5. The causative organism of lymphogranuloma venerum (LGV) is:

1. Chlamydia trachomatis.
2. Haemophilus ducreyi.
3. Haemophilus vaginalis.
4. Treponema pallidum.

Q.6. Which of the following STIx is symptomless in the male:

1. Chlamydia.
2. Gonorrhoea.
3. Syphilis.
4. Trichomoniasis.

Q.7. A 22 year old female student comes to the health centre with complaints of: burning sensation when passing, yellowish, frothy, foul smelling vaginal discharge and itchy vulva.

1. Which of the following is a possible diagnosis you can make.

1. Gonorrhoea.
2. Candidiasis.
3. Trichomonas vaginalis.
4. Chlamydia.

**PART ONE: MCQS (MULTIPLE CHOICE QUESTIONS) S T I– 10 MARKS**

(ii) What is the possible management that you will give to this patient?

1. Education on the causative organism, safer sex practices, I.M injection of 2.4M.U of benzanthine penicillin stat.
2. Education on risk factors associated with STIs, safer sex practices, tab metronidazole 2gms stat.
3. Safer sex practices education, blood sample for culture and sensitivity, cap doxycline 100mg b.d x 5/7.
4. Speculum examination, education on safer sex practices, referral to a higher level health facility.

Q.8. Young girls are at a higher risk for HIV than older woman because:

1. They have more sexual partners.
2. Their vaginal walls are not yet mature.
3. They are reluctant to practice safe sex.
4. They are more tense during sexual intercourse.

Q.9. Which of the following is a predisposing factor to candidiasis?

1. Pregnancy.
2. Multiple sexual partners.
3. Poor hygiene.
4. Drugs and substance abuse.

**PART TWO: SHORT ANSWER QUESTIONS – S T I – 15 MARKS**

Q.1. Draw and label a diagram of HIV virus. 4 marks

Q.2. Explain the role of a nurse in the management of herpes genitalis in the health centre.5 mark

Q.3. Explain the importance of syndromic approach in the management of sexually

transmitted infections (STIs). 2 marks

Q.4. State four (4) measures that the ministry of health have put in place to control

the spread of syphilis. 4 marks

**PART THREE: LONG ANSWER QUESTIONS – S T I – 15 MARKS**

Q.1. You have just been deployed as the in-charge of HIV/AIDS patient support centre in sub-county hospital Y.

1. State four (4) aims of HIV/AIDS patient support centre. 4 marks
2. List six (6) components of services provided in HIV care comprehensive centre 3 mark
3. Describe your role in enhancing provision of services to your patients at

the support centre. 8 marks