**KENYA MEDICAL TRAINING COLLEGE**

**PORT REITZ CAMPUS**

**SUBJECT:** ANATOMY AND PHYSIOLOGY

**CLASS:** KRCHN (BASIC) MARCH 2013 CLASS

**TIME:** 3 HRS

DATE: 18/3/15

**EXAM NO. /COLLEGE NO**:………………………………

**INSTRUCTIONS**

1. ALL questions are COMPULSORY
2. Part I – MULTIPLE CHOICE QUESTIONS
3. Part II – SHORT ANSWER QUESTIONS
4. Part III – LONG ANSWER QUESTIONS
5. **Number your questions well**

**NB**

1. **No use of mobile phones in the examination hall**
2. **All candidates must sign their names while handing in their scripts**

Best wishes

PART 1-MULTIPLE CHOICE QUESTIONS. (10 MARKS)

1. Which of the following describes an absence of menarche in an adolescent?
2. Early Amenorrhea
3. Secondary amenorrhea
4. Primary amenorrhea
5. Initial Amenorrhea
6. Hysteroscopy is used as a diagnostic measure in all the following situations except;
7. Unexplained bleeding
8. Cervical carcinoma
9. Infertility
10. Retained intra-uterine Death
11. The following are forms of management of Endometriosis except:
12. Hormonal therapies; not longer than 8 months.
13. Total abdominal hysterectomy with bilateral oophorectomy
14. Zoladex 3.2mg Monthly for 6 months
15. Incision and drainage
16. Recurrent miscarriage is associated with the following factors except:
17. Immunologic factors
18. Genetic causes
19. Hyper secretion of luteinizing hormone.
20. Vacuum aspiration
21. In moderate cystocele:
22. The vaginal wall extends beyond the orifice upon straining
23. The anterior vaginal wall prolapses into the orifice upon straining
24. The vaginal wall extends beyond the orifice in the resting state
25. There is bulging of the bladder out of vaginal orifice with vaginal pressure.
26. Which of the following best describes the class of uterine prolapse where the cervix is beyond the introitus?
27. 1st degree
28. 3rd degree
29. 2nd degree
30. None of the above
31. An important component of gynecological health history is;
32. Thorough history including sexual activity
33. Periodic screening for early detection of problems
34. Thorough assessment of clients emotional status
35. Thorough assessment of clients urine specimens
36. Mullerian agenesis is a congenital condition characterized by the absence of:
37. Uterus
38. Breast
39. Pelvis
40. Bladder
41. The following are involved when doing a sperm analysis except:
42. The total sperm count
43. Vitality of sperms
44. The pH
45. Sperm delivery problems
46. Which of the following best describes the causes associated with neoplastic disorders?
47. Radiation, Alcohol, High parity, Early sexual activity
48. Drugs, Toxins, Alcohol, Young age
49. Smoking, High parity, Radiation, High temperatures.
50. Overworking, Alcohol, Early sexual activity, Smoking

PART 11- SHORT ANSWER QUESTIONS (50 MARKS)

1. State 3 periods in a woman’s life when amenorrhea is considered normal. (3 marks)
2. Name five conditions that may be confused with ectopic pregnancy (5mks)
3. State 3 differences between the Primary chancre and the Chancroid (3 marks)
4. Beauty comes to the clinic complaining of sudden hotness on and off especially in the arms, palpitations, insomnia, aches and headache. Blood pressure and temperature are normal.
5. Beauty could be showing s/s of (1mk)
6. Nursing diagnosis of “knowledge deficit related to lack of information” was made. State your interventions (5mks)
7. List the 3 muscles of the pelvic floor. (3 marks)
8. Describe the pathophysiology of Ectopic pregnancy. (6 marks)
9. Mr and Mrs Jp are 35 years old, married for 8 years and are childless despite various attempts to get one.
10. Differentite between infertility and sterility (1 mark)
11. State the investigations that will be carried out on Mr Jp (5mks)
12. What could be the cause of this problem for Mrs Jp (4mks)
13. State the clinical staging of Cancer of the endometrium. (4 marks)
14. Name the ausitive micro organisms associated with the following condtions: chancroid, Gonorrhoea, Syphilis, Vaginal candidisis, Trichomoniasis, Lymphogranuloma venereum, Aids, cancer of cervix,genital warts(10 mks)

PART 111-LONG ANSWER QUESTIONS (40 MARKS)

1. Mrembo is 45 years, Para 2+ 0, come to the gynae clinic complaining of dripping urine. She says the problem begun after the delivery of her baby two weeks ago.
2. What is the possible diagnosis? (1mk)
3. Draw a well labeled diagram to show similar problems that can occur in the female reproductive system (5mks)
4. Name the causes of this problem (3mks)
5. Outline the management of Mrembo (8mks)
6. State the complications that may occur (5mks)
7. State the preventive measures (3mks)
8. Mrs. K, 45 years old, is admitted in the surgical ward with a diagnosis of Cancer of the Left Breast. She is scheduled to have a radical mastectomy.
9. Name 3 risk factors associated with Breast cancer.(3 marks)
10. Using the nursing process, describe Mrs. K’s management. (8mks)
11. Draw a well labeled diagram of the female breast (4mks)