

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF SCIENCE IN NURSING

NURS 454: GYNAECOLOGICAL NURSING

STREAMS: BSC NURSING Y4T2

TIME: 2 HOURS

DAY/DATE: WEDNESDAY 08/04/2020

11.30 A.M. – 1.30 P.M.

INSTRUCTIONS:

- **Do not write anything on the question paper.**
- **Mobile phones and any other reference materials are NOT allowed in the examination room.**
- **ALL the questions are compulsory.**
- **Number ALL your answers and indicate the order of appearance in the space provided in the cover page of the examination answer booklet.**

SECTION A: MULTIPLE CHOICE QUESTION (MCQs) (20 marks)

Answer ALL questions in this section.

1. Which of the following best describes the function of follicle stimulating hormone?
 - (a) It stimulates secretion of estrogen from the ovaries
 - (b) It promotes milk production
 - (c) Promotes growth of immature follicles in the ovary
 - (d) Increase the basal body temperature
 - (e) Increase the basal metabolic rate
2. Which of the following conditions may not be managed by vaginal supporting pessaries?
 - (a) Rectocele

- (b) Cystocele
 - (c) Uterine retroversion-flexion
 - (d) Uterine prolapse
 - (e) Uterine leiomyomatosis
3. Culdoscopy enables visualization of the pelvic content through an illuminated tube that is passed into:
- (a) The cervical canal
 - (b) The uterine cavity
 - (c) Uterine-rectal cul-desac
 - (d) Supra-pubic cystotomy
 - (e) Anterior vaginal wall
4. Which of the following is NOT a function of the uterus?
- (a) Organ of copulation
 - (b) Site of menstruation
 - (c) Site of implantation of fertilized ovum
 - (d) Site for fetal development
 - (e) Ejection of fetus at birth
5. Which of the following statements is TRUE about ovary?
- (a) It is situated in the abdominal cavity
 - (b) It's function is independent of that of the pituitary gland
 - (c) It does not secrete sex hormones
 - (d) It is composed of a medulla and a cortex
 - (e) It remains actively functional during menopause
6. Luteinizing hormone surge in the ovarian cycle results in which of the following events?

- (a) Menstruation
 - (b) Ovulation
 - (c) Corpus luteum degeneration
 - (d) Endometrial proliferation
 - (e) Restarting of the cycle
7. Secondary syphilis is characterized by:
- (a) Syphilitic rash
 - (b) Syphilitic alopecia
 - (c) Syphilis chancre
 - (d) Tabes dorsalis
 - (e) Optic atrophy
8. A 20 year old lady presents with a foul smelling vaginal discharge that is thick and yellow/green in color. The treatment of choice would be:
- (a) Metronidazole 2 gms stat
 - (b) Norfloxacin 800mg stat
 - (c) Doxycycline 100mg stat
 - (d) Doxycycline 100mg for 7 days
 - (e) Norfloxacin 800mg for 7 days
9. Mrs. Y presents to your outpatient department with complains of a fishy smelling grayish vaginal discharge, the most likely causative organism for this condition is:
- (a) Trichomonas vaginalis
 - (b) Gardnerella vaginalis
 - (c) Candida albicans
 - (d) Treponema Pallidum

- (e) Chlamydia trachomatis
10. Which of the following is a risk factor in development of uterine fibroids?
- (a) Nulliparity
 - (b) Multiparity
 - (c) Multiple sexual partners
 - (d) Early menopause
 - (e) Menorrhagia
11. Regarding endometriosis:
- (a) Patients develop amenorrhea due to ectopic endometrial tissue
 - (b) Pelvic inflammatory disease results from the ectopic endometrial tissue
 - (c) Irregular and abnormal uterine bleeding results from the ectopic endometrial tissue.
 - (d) Dysmenorrhea is not a consequence of the ectopic endometrial tissue
 - (e) The ectopic endometrial tissue is not capable of producing prostaglandins
12. Which of the following statements BEST describes vulvodynia?
- (a) It presents with paper thin wrinkled vulval skin
 - (b) Presents with stinging, burning irritation or excoriation of the vulva.
 - (c) Presents with chronic severe pain on touch of the vulva
 - (d) Presents with pain during and after intercourse
 - (e) Is likely to resolve on antibiotic therapy
13. A 42 year old woman complains of hot flushes, her last menstrual period was 2 months ago and she has a family history of severe osteoporosis. Which of the following treatment would you recommend for her to minimize bone loss in menopause?
- (a) Weight resistance exercise
 - (b) Calcium supplements

- (c) Calcitonin
 - (d) Vitamin D supplements
 - (e) Estrogen replacement therapy
14. Co-trimoxazole is prescribed to a female client with a urinary tract infection. The nurse should provide which instruction?
- (a) To take the medication with food
 - (b) To drink at least 8 glasses of fluid daily
 - (c) To avoid taking antacids during co-trimoxazole therapy
 - (d) To avoid direct sunlight
 - (e) To stop taking the medication after three days
15. Mrs. J aged 30 years presents with a history of amenorrhea for six months. Which of the following tests is NOT helpful in establishing the cause?
- (a) Chromosomal analysis
 - (b) Serum prolactin
 - (c) Serum human chorionic gonadotrophin
 - (d) Serum thyroid stimulating hormone
 - (e) Follicle stimulating hormone
16. Which of the following is a symptom of imperforate hymen?
- (a) Secondary amenorrhea
 - (b) Primary amenorrhea
 - (c) Leucorrhea
 - (d) Dyspareunia
 - (e) Menorrhagia
17. When the cervix is beyond the introitus, the degree of uterine prolapse is described as:

- (a) 1st degree
 - (b) 2nd degree
 - (c) 3rd degree
 - (d) 4th degree
 - (e) Procidentia
18. Recurrent miscarriage is a consequence of the following EXCEPT:
- (a) Parental chromosomal abnormality
 - (b) Chlamydia infection
 - (c) Sub mucosal fibroids
 - (d) Uncontrolled hypothyroidism
 - (e) Incompetent cervix
19. The MOST common symptom of endometrial hyperplasia is:
- (a) Vaginal discharge
 - (b) Vaginal bleeding
 - (c) Amenorrhea
 - (d) Pelvic pain
 - (e) Abdominal distension
20. Female sexual dysfunction characterized by decreased lubrication is referred to as:
- (a) Organismic dysfunction
 - (b) Inhibited sexual desire
 - (c) Excitement phase dysfunction
 - (d) Vaginismus
 - (e) Dyspareunia

SECTION B: SHORT ANSWER QUESTIONS (SAQs)

Answer ALL questions in this section.

1. State FOUR (4) functions of the pelvic floor muscles. (4 marks)
2. Describe the menstrual cycle. (5 marks)
3. Compare and contrast threatened abortion and inevitable abortion. (4 marks)
4. Discuss premenstrual syndrome (PMS). (4 marks)
5. State THREE (3) degrees of uterine inversion. (3 marks)

SECTION C: LONG ESSAY QUESTIONS (LEQs) (30 marks)

1. Mrs. K, 65 years old has been diagnosed with endometrial cancer.
 - (a) Discuss the difference between malignant and benign tumors. (5 marks)
 - (b) Discuss specific management of Mrs. K. (10 marks)
 2. Infertility is a worldwide phenomenon and is prevalent in every community.
 - (a) Describe the investigations carried out for an infertile couple. (5 marks)
 - (b) Using the nursing process, discuss the management of a couple presenting with primary infertility. (10 marks)
-