



UNIVERSITY OF EMBU

2017/2018 ACADEMIC YEAR

SECOND SEMESTER EXAMINATIONS

**SECOND YEAR EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE
(NURSING)**

HNS 334 GYNAECOLOGY

DATE: APRIL 11, 2018

TIME: 8:30 AM-1: 00 PM

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. Initial treatment of rectovaginal fistula should be
 - A) Colostomy
 - B) Colporrhaphy
 - C) Anterior resection
 - D) Primary repair
2. Clue cells are seen in
 - A) Syphilis
 - B) Bacterial vaginosis
 - C) Trichomoniasis
 - D) Chlamydia infection

3. Strawberry vagina is seen in
 - A) Syphilis
 - B) Bacterial vaginosis
 - C) Trichomoniasis
 - D) Chlamydial infection
4. Most common cause of Bartholin's abscesses
 - A) Syphilis
 - B) Bacterial vaginosis
 - C) Trichomoniasis
 - D) Gonococci
5. Treatment of choice for Bartholin's abscesses
 - A) Excision
 - B) Marsupialization
 - C) Incision and Drainage
 - D) All of the above
6. During menopause, hormone replacement therapy is done by administering
 - A) Follicle stimulating hormone
 - B) Luteinizing hormone
 - C) Estrogen
 - D) Thyroid stimulating hormone
7. The hormone that is raised in polycystic ovarian syndrome is:
 - A) 17-OH progesterone
 - B) Follicular stimulating hormone
 - C) Luteinizing hormone
 - D) Thyroid stimulating hormone
8. The investigation of choice in a 55-year-old postmenopausal woman who has presented with postmenopausal vaginal bleeding is
 - A) Pap smear
 - B) Fractional curettage
 - C) Transvaginal ultrasound
 - D) Ca 125 estimation

9. The genital tract malignancy presents the lowest risk of metastasis to the ovary is
- A) Carcinoma endometrium
 - B) Carcinoma cervix
 - C) Carcinoma fallopian tube
 - D) Uterine sarcoma
10. Estrogen administration in menopausal women increases
- A) Muscle mass
 - B) LDL cholesterol
 - C) Gonadotrophin secretion
 - D) Bone mass
11. The following is an effect of menopause
- A) Increased cardiovascular risk
 - B) Subfertility
 - C) Osteoporosis
 - D) Periodic ovulation
12. During menstruation
- A) The stratum basalis is shed
 - B) The stratum compactum is shed
 - C) Fibrinolysis is enhanced
 - D) Endometrial regeneration begins after ovulation
13. The fallopian tube is
- A) 20 cm long
 - B) Is lined with ciliated epithelium
 - C) Is independent of hormonal influence
 - D) Has a glandular submucosa
14. Semen analysis;
- A) Identifies men with high-quality fertile spermatozoa
 - B) Identifies men with low sperm concentration that might affect fertility
 - C) Can always be used to predict fertility
 - D) Cannot identify abnormal spermatozoa

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15. The comfort measure recommended to a client with genital herpes is

- A) Wear loose cotton underwear
- B) Apply a water-based lubricant to lesions
- C) Rub, rather than scratch in response to an itch
- D) Pour hydrogen peroxide and water over the lesions

Indicate whether the following statements are TRUE or FALSE by indicating T or F in the answer sheet

16.

- a) Endometriosis is when the endometrial tissue is found only inside the uterine cavity
- b) Luteinizing hormone LH is responsible for the release of estrogen by the ovaries

17.

- a) The hypothalamus releases Follicle Stimulating Hormone FSH and Luteinizing Hormone which control release of ovarian hormones
- b) Mammography is the only way to screen for breast cancer

18.

- a) Polycystic Ovarian syndrome is a major cause of infertility in women
- b) Sexually transmitted infections are a major risk factor for ectopic pregnancy

19.

- a) A woman is only considered menopausal until after one year after cessation of menstruation
- b) Having multiple sexual partners is a risk factor for cervical cancer

20.

- a) Dyspareunia refers to painful urination
- b) Genital warts can be treated with liquid Nitrogen

SECTION B: ANSWER ALL THE QUESTIONS IN THIS SECTION USE THE ANSWER BOOKLET PROVIDED (40 MARKS)

1. Draw and label the female external genitalia (6 marks)
2. Explain 2 mechanisms of action for the following methods of contraception (8 marks)
 - a) Combined oral contraceptive pills
 - b) Intrauterine devices IUD

3. Describe 3 most common causes of female subfertility (9 marks)
4. Explain 2 disorders of menstrual bleeding (4 marks)
5. Differentiate between primary and secondary infertility (4 marks)
6. Describe the management of pelvic inflammatory disease (5 marks)
7. Explain the collaborative care for a rape victim (4 marks)

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

1. The menstrual cycle is a cycle that normally takes place in women of reproductive age unless interrupted by pregnancy.
 - a) Explain the hypothalamic-pituitary- ovarian-axis in hormone production (10 marks)
 - b) Describe the phases of the menstrual/ovarian cycle (10 marks)
2. A 19-year-old college student is brought to the hospital in shock her clothes are stained with blood. Her friends say that she had gone to a back clinic to procure an abortion
 - a) Discuss her management (12 marks)
 - b) Explain 4 complications of abortion (8 marks)

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