



**AMREF INTERNATIONAL UNIVERSITY**

**SCHOOL OF MEDICAL SCIENCES**

**DEPARTMENT OF NURSING & MIDWIFERY SCIENCES**

**END OF SEMESTER MAY AUGUST 2023 EXAMINATIONS**

**COURSE CODE AND TITLE: BSN 225 GYNAECOLOGY (UPGRADING)**

**DATE: 9<sup>TH</sup> AUGUST 2023**

**DURATION: 2 HOURS**

**Start: 2:00 P.M.**

**Finish: 4:00 P.M.**

**INSTRUCTIONS**

- 1.** This exam is out of 70 marks
- 2.** This Examination comprises **THREE** Sections. Section I: Multiple Choice Questions (20 marks) Section II: Short Answer Questions (30 marks) and Section III: Long Answer Questions (20 marks)
- 3.** Answer **ALL** Questions.
- 4.** Do Not write anything on the question paper -use the back of your booklet for rough work if need be.

**SECTION I: MULTIPLE CHOICE QUESTIONS****(20 MARKS)**

1. Inevitable abortion is characterized by:-
  - A. Rhythmic uterine contractions, closed cervical OS, and mild per vaginal bleeding
  - B. Severe per vaginal bleeding, cervical dilatation, and strong rhythmic uterine contractions
  - C. Open cervical OS, abdominal discomfort, and mild per vaginal bleeding
  - D. Mild per vaginal bleeding, closed cervical OS, and lower abdominal pain
  
2. Anatomical factors associated with female infertility include:-
  - A. Vaginal atresia, anovulation and uterine fibroids
  - B. Anovulation, bicornuate uterus and ovarian tumours
  - C. Cervical stenosis, uterine fibroids and vaginal atresia.
  - D. Bicornuate uterus, vaginal atresia and cervical stenosis.
  
3. Intermenstrual bleeding is referred to as:-
  - A. Metorrhagia
  - B. Menorrhagia
  - C. Dysmenorrhea
  - D. Amenorrhea
  
4. Theca luteum cysts are caused by:-
  - A. Stimulation of the ovaries by excessive human chorionic gonadotropin hormone.
  - B. Failure of the corpus luteum to regress after ovulation.
  - C. Unruptured follicle at the time of ovulation
  - D. Disturbances in the pituitary and ovarian networks
  
5. A bulging mass into the posterior fornix and upper posterior vaginal wall is a characteristic of:-
  - A. Enterocoele
  - B. Cystocoele
  - C. Rectocoele
  - D. Urethrocele
  
6. Vulvovaginal pruritus is caused by:-
  - A. Neisseria gonorrhoea and Trichomona vaginalis
  - B. Chlamydia trachomatis and Neisseria gonorrhoea
  - C. Haemophilus ducreyi and Chlamydia trachomatis
  - D. Trichomona vaginalis and Candida albicans
  
7. A condition where the endometrial glands and tissue grows into the myometrium is called:-
  - A. Endometrial hyperplasia
  - B. Adenomyosis
  - C. Fibromyoma
  - D. Endometrial polyps

8. Hyperestrogenism is a risk factor to:-
- A. Endometrial cancer
  - B. Valvular cancer
  - C. Vaginal cancer
  - D. Ovarian cancer
9. Intramural fibroids are located on/in the:-
- A. Outer surface of the uterine wall
  - B. Pelvic ligaments
  - C. Submucosal of the uterus
  - D. Myometrium
10. Colporrhaphy is a reconstructive surgery used for management of:-
- A. Vaginal cancer
  - B. Cervical polyps
  - C. Genital prolapse
  - D. Reproductive tract fistula
11. Vaginal cancer stage three involves:-
- A. Vaginal wall and nearby lymph nodes
  - B. Vaginal wall, pelvic wall and lymph nodes
  - C. Vaginal epithelium and underlying connective tissues
  - D. Vaginal wall, rectum, bladder, lymph nodes
- 12 Radical hysterectomy involves removal of:-
- A. Uterus only
  - B. Uterus and cervix
  - C. Uterus, cervix, fallopian tubes and ovaries
  - D. Uterus, cervix, vagina, fallopian tubes, ovaries, and pelvic lymph nodes
13. Intrauterine insemination is an infertility treatment adopted in case the:-
- A. Blocked fallopian tubes
  - B. Cervical mucus antibodies destroy the sperms
  - C. Hormonal imbalances affecting the woman
  - D. History of oophorectomy
14. The vasomotor symptoms of menopause are:-
- A. Palpitation, mood swings, vaginal dryness
  - B. Hot flushes, memory deficit, vaginal dryness
  - C. Hot flushes, night sweat, palpitation
  - D. Night sweats, memory deficit, mood swings

15. The female reproductive cancers associated with human papilloma virus are:-
- Endometrial cancer, cervical cancer, ovarian cancer
  - Valvular cancer, endometrial cancer, vaginal cancer
  - Vaginal cancer, ovarian cancer, cervical cancer
  - Cervical cancer, Valvular cancer, vaginal cancer
16. Cervicitis is caused by:-
- Neisseria gonorrhoea and Trichomona vaginalis
  - Chlamydia trachomatis and Neisseria gonorrhoea
  - Haemophilus ducreyi and Chlamydia trachomatis
  - Trichomona vaginalis and Candida albicans
17. Polycystic ovary syndrome is caused by:-
- Excessive human chorionic gonadotropin hormone.
  - Failure of the corpus luteum to regress after ovulation.
  - Unruptured follicle at the time of ovulation
  - Disturbances in the pituitary and ovarian networks
18. Fibroadenoma is characterized by:-
- Hyperplasia of the epithelial lining of the mammary ducts
  - Proliferation of the mammary glands connective tissue.
  - Mobile non-tender painless breast lump.
  - Wart like growths on the epithelial lining of the mammary glands
19. Indicate whether the following statements are **TRUE** or **FALSE**:-
- Intraductal papilloma involves dilatation and thickening of collecting ducts
  - Cervical polyps originate from the endocervical canal
20. Indicate whether the following statements are **TRUE** or **FALSE**:-
- Corpus luteum cyst is associated with delayed onset of menses
  - Follicular cysts disappear spontaneously within 2-3 menstrual cycles.

**SECTION II: SHORT ANSWER QUESTIONS** (30 MARKS)

- Outline five (5) health messages you would share with women above 40 years of age on conservative management of menopause (5 Marks)
- Describe the specific management of primary dysmenorrhea (5 Marks)
- State five (5) predisposing factors to breast cancer (5 Marks)
- State five (5) elements of post abortion care (5 Marks)
- Outline five (5) clinical features of endometriosis (5 Marks)
- Outline the classification of reproductive fistulas (5 Marks)

**SECTION III: LONG ANSWER QUESTIONS**

**(20 MARKS)**

1. Mrs P. 40 years old is admitted in the Gynaecology ward with a diagnosis of stage I cervical cancer and is scheduled for Total Abdominal Hysterectomy;

- a) State six (6) factors that may have predisposed Mrs P. to cervical cancer  
**(6Marks)**
- b) Describe the post-operative nursing care you will accord to Mrs P. for the first 24 hours **(14 Marks)**

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