



**AMREF INTERNATIONAL UNIVERSITY  
SCHOOL OF MEDICAL SCIENCES  
DEPARTMENT OF NURSING & MIDWIFERY SCIENCES  
BACHELOR OF SCIENCE IN NURSING  
END OF SEMESTER DECEMBER 2022 EXAMINATIONS**

**COURSE CODE AND TITLE: BSN 225 GYNAECOLOGY**

**DATE: 30<sup>TH</sup> NOVEMBER 2022**

**Duration: 2 HOURS**

**Start: 9:00 AM**

**Finish: 11:00 AM**

**INSTRUCTIONS**

1. This exam is out of 70 marks
2. This Examination comprises THREE Sections. Section I: Multiple Choice Questions Section II: Short Answer Questions and Section III: Long Answer Questions
3. Answer ALL Questions.

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

1. Conditions consistent with anovulation include:-
  - A. Polycystic ovary syndrome, hyper-prolactinemia and anorexia
  - B. Anorexia, hypospadias and hypothyroidism
  - C. Hyperthyroidism, varicocele and polycystic ovary disease
  - D. Undescended testes, impotence and obesity
2. Primary infertility refers to:-
  - A. Losing pregnancy at 28 weeks
  - B. Hydatidiform mole diagnosed at 8 weeks
  - C. Conceiving after 2 previous miscarriages
  - D. Difficulty in conceiving with no previous pregnancy
3. In the treatment of Human Papilloma Virus, small warts can be removed by:-
  - A. Electrocautery
  - B. Surgically
  - C. Dilatation and curettage
  - D. Pharmacoemulsion
4. The condition characterised by a malodorous, grey or white discharge coating the vestibule and vaginal walls with no erythema is:-
  - A. Candida albicans
  - B. Trichomoniasis
  - C. Bacterial vaginosis
  - D. Gonorrhoea
5. The following statement by a mother, with per vaginal bleeding in first trimester and suspected threatened abortion indicates need for further instruction:-
  - A. "I will watch for the evidence of the passage of tissue."
  - B. "I will maintain strict bed rest throughout the remainder of the pregnancy."
  - C. "I will count the number of perineal pads used on a daily basis and note the amount and color of blood on the pad."
  - D. "I will avoid sexual intercourse until the bleeding has stopped, and for 2 weeks, following the last evidence of bleeding."
6. A risk factor for ectopic pregnancy includes:-
  - A. Combined oral contraceptive pill
  - B. Subserosal fibroids.
  - C. Chlamydia
  - D. Corpus luteal cyst.
7. The following is true of choriocarcinoma:-
  - A. There is early spread to bones.
  - B. Cisplatin is the chemotherapeutic agent of choice.
  - C. Hysterectomy is only indicated if there is severe bleeding.
  - D. After hydatidiform mole the risk of choriocarcinoma is 40%.

8. The most likely diagnosis for a 17 year old female client presenting with a foul smelling vaginal discharge, cervical dilatation and pain is:-
- Missed abortion
  - Bacterial vaginosis
  - Septic abortion
  - Induced abortion
9. Endometriosis is defined as:-
- Inflammation of the inner lining of the uterus
  - Inflammatory peritoneal damage caused by endometrial tissue on pelvic organs
  - Inflammation of the uterus, fallopian tubes and ovaries
  - Inflammation due to pelvic inflammatory disease
10. The following is NOT an indication for gamete intra-fallopian transfer:-
- Bacterial vaginosis
  - Immunological infertility
  - Cervical hostility
  - Tubal blockage
11. Rhesus(D) immunoglobulin is mainly administered to:
- Sensitized mothers after abortions
  - Non-sensitized mothers after pregnancy
  - Rh negative neonates after delivery
  - Rh positive mothers after postpartum
12. Classical features of a ruptured ectopic pregnancy include:-
- Diffuse pain, adnexal tenderness and fullness
  - Mild pain in the lower abdomen, unilateral pain and hypotension
  - Hypotension, sharp pain and marked abdominal tenderness
  - Heavy vaginal bleeding, feeling of faintness and passage of products of conception
13. A history of protracted periods of amenorrhea followed by heavy bleeding not associated with any medication use is likely to be caused by:-
- Over stimulation of the follicular system of the ovaries by the hypophysis
  - Under production of estrogens and progesterone
  - Over production of Follicular Stimulating Hormone and Luteinising Hormone
  - Increased blood oxytocin levels
14. A uterine cause of infertility includes:-
- Asherman's syndrome
  - Polycystic ovarian syndrome
  - Increased prolactin levels
  - Reduced tubal motility
15. The change expected to occur in the basal temperature during ovulation is:-
- Slight drop and then rises
  - Sudden rise and then drops
  - Marked rise and remains high
  - Marked drop and remains lower

16. The most common indication for treatment of uterine leiomyomata is:-
- Rapid enlargement
  - Pain
  - Excessive uterine bleeding
  - Impingement on another organ
17. The following is correct regarding endometrial shedding:-
- During menstruation the stratum basalis is shed
  - During menstruation the stratum compactum is shed
  - Vasodilatation of the spiral arterioles precedes menstruation
  - Endometrial regeneration begins after ovulation
18. The following response would be appropriate for a couple requiring genetic testing:-
- "You should be tested because it will be to your benefit."
  - "Environmental factors can have an impact on genetic factors."
  - "This type of testing will determine if you'll need in vitro fertilization."
  - "If you have a gene for a disease there is a probability that your children will inherit it."
19. The following statement is correct about polycystic ovary syndrome (PCOS):-
- PCOS is associated with anovulation
  - The diagnosis of PCOS can only be made with biochemical evidence of hyperandrogenism
  - PCOS is associated with obesity in 10% of women
  - Ultrasonic evidence of polycystic ovaries is present in 50% of all women
20. Part of the teaching plan for a client scheduled for a first routine Papanicolaou (Pap) smear includes:-
- Current statistics on the incidence of cervical cancer
  - Description of the early symptoms of cervical cancer
  - Explanation of why there is a small risk for cervical cancer
  - Written instructions about the purpose of the Papanicolaou smear

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

- Identify six (6) nursing interventions for a client undergoing external radiation therapy for breast cancer (6 Marks)
- Outline four (4) nursing diagnoses for a client with pelvic inflammatory disease (4 Marks)
- Explain four (4) prevention measures for ovarian cancer (8 Marks)
- Identify seven (7) causes of male subfertility (7 Marks)
- State five (5) components of a gynaecological history (5 Marks)

## **SECTION III: LONG ANSWER QUESTION (20 MARKS)**

- A client is being assessed in the outpatient unit and presents with signs and symptoms of ectopic pregnancy at 8 weeks gestation.
  - With the aid of a diagram, illustrate ectopic pregnancy (5 Marks)
  - Describe the nursing management of the client until discharge (15 Marks)