



# MERU UNIVERSITY OF SCIENCE AND TECHNOLOGY

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## UNIVERSITY EXAMINATIONS 2023/2024

SECOND YEAR, THIRD SEMESTER EXAMINATION FOR BACHELOR OF SCIENCE IN  
NURSING

SECOND YEAR, SECOND SEMESTER EXAMINATION FOR BACHELOR OF SCIENCE  
IN NURSING

### NND 3233/NNU 3223: GYNECOLOGICAL NURSING

**DATE: DECEMBER 2023**

**TIME:3 HOURS**

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**INSTRUCTIONS:** Answer all questions in the booklet provided

Ensure that all your answers are properly numbered

Section One: Multiple Choice Questions (MCQs): Write the correct answer on the space provided in the answer booklet. Each MCQ is one mark.

Section Two: Short Answer Questions – Answer questions following each other on the answer booklet

Section Three: Long Answer Questions – Answer the questions on the answer booklet

All questions are compulsory

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#### SECTION A: MULTIPLE CHOICE QUESTIONS

1. The following ligaments provide the most support to the uterus in terms of prolapse prevention
  - a) Broad ligaments
  - b) Utero-ovarian ligaments
  - c) Cardinal ligaments
  - d) Arcuate ligament

2. Which of the following is a risk factor in the development of uterine fibroids?
  - a) Nulliparity
  - b) Multiparity
  - c) Multiple sexual partners
  - d) Early menopause
3. Koki a 33-year-old lady presents with vulvar irritation and pruritus. Speculum examination was performed which reveals a hyperemic, edematous, vaginal vault with odourless discharge. The PH is 4.0, the most likely diagnosis is?
  - a) Trichomoniasis
  - b) Bacterial vaginosis
  - c) Candidiasis
  - d) Gonorrhoea
4. Genital warts in STI patient is caused by the following organism
  - a) Bacteria
  - b) Virus
  - c) Syphilis
  - d) Fungal
5. A common side effect of estrogenic hormone replacement therapy (HRT) in a 55-year-old woman is
  - a) Vaginal atrophy
  - b) Flushing
  - c) Coronary heart disease
  - d) Osteoporosis
6. In the management of gender based violence (GBV) by a spouse, the following priority actions are observed except
  - a) Informed consent is taken, the survivor fills the consent form.
  - b) Reporting to the police before management as required by the law.
  - c) Sufficient information is given to enable the survivor make an informed decision about their care.
  - d) Particular emphasis should be placed on the matter of the release of information to other parties, including the police.

7. Female sexual dysfunction characterized by decreased lubrication, dyspareunia is as result of
- Organismic dysfunction
  - Inhibited sexual desire
  - preoccupation with the baby
  - Low levels of oestrogen
8. With regard to the hormonal changes that accompany the menopausal period, indicate whether the following statements are True/False (1/2 Mark each).
- Secretion of gonadotropin releasing hormone from the pituitary increases significantly in the late menopause to drive ovarian activity.
  - There is a progressive decline of ovarian function due to exhaustion of the primary follicles and associated steroidal genesis.
9. Female sexual dysfunction characterized by decreased lubrication is referred to as:
- Organismic dysfunction
  - Excitement phase dysfunction
  - Vaginismus
  - Dyspareunia
10. Risk factors for prolapsed uterus include
- Anteverted position of the uterus in null parity.
  - Prolonged labour which cause laxity of the pelvic muscles
  - Sedentary life, usually with individuals who are athletic
  - All the above
11. An acquired uterine condition that occurs when scar tissue (adhesions) form inside the uterus and/or in the cervix is:
- Premature uterine failure
  - Polycystic ovarian syndrome,
  - Sheehan's syndrome
  - Asherman's syndrome

12. Documentation is vital in the management of a rape survivor. Indicate whether the following statements are TRUE/FALSE (1/2 Mark each)
- I. Documentation should include importance, types, information management follow up and referral.
  - II. Documentation serves as evidence for court purposes, storage of data for research purposes.
13. A 26-year-old woman presents to the health facility complaining of dribbling of urine, dysuria, and further history taking reveals that she had a Caesarean delivery (CS) after being in labour for 2 days. The most likely diagnosis is;
- a) Simple cystitis
  - b) Rectovagina fistula
  - c) Vesico vagina fistula
  - d) Urethral carcinomal
14. The following are primary preventive approaches for cervical cancer except
- a) Vaccination of boys and girls aged 10 — 14 years
  - b) Cervical cancer screening for all women of child bearing age
  - c) Brachytherapy for all confirmed cervical cancer lesions
  - d) Avoidance of having multiple sexual partners
15. Wiky a 24-year-old primegravida visits the MCH/FP clinic for a routine checkup. Self-breast examination is recommended: -
- a) Every day, as a routine examination before waking up or in front of a mirror
  - b) Monthly, at the same time of the month or preferably after menses
  - c) Yearly, so that treatment can be started early in case of suspicious lesions
  - d) Every time, the Nurse is attending a female patient as a routine procedure
16. May a para 6 aged 42 years, presents to the health facility with complaints lower abdominal pains, of post coital bleeding for the past 3 months. The initial investigation to order is:
- a) Dilatation and curettage
  - b) Colposcopy
  - c) Pap smear
  - d) Cone biopsy of the cervix

17. A 46-year-old woman comes to the OPD complaining that she feels as though she is "sitting on a ball." On examination, you find that the vagina is essentially turned inside out, and the entire uterus lies outside the vaginal introitus. This condition is known as;
- First-degree prolapse
  - Second-degree prolapse
  - Third-degree prolapse
  - Fourth-degree prolapse
18. May a para 6 aged 42-year-old obese woman on unopposed estrogen develops abnormal vaginal bleeding. Her Cervical Pap smear is normal. She is best evaluated by which of the following procedures?
- transvaginal sonography
  - endometrial biopsy
  - endometrial cytology
  - cervical biopsy
19. Health concerns in assisted reproductive technology includes?
- Psychological stress
  - Ectopic pregnancy
  - Multiple pregnancy
  - All the above
20. The mode of action (MOA) for the drug Clomiphene citrate used in the infertility is:
- Is an ovulation induction agent used as antiprogestosterone, resulting in a surge of gonadotrophin release by the pituitary
  - Stops the ovary from producing more follicles for maturation after the initial surge of leutenizing hormone
  - Binds to progesterone receptors in the pituitary and hypothalamusin to induce ovary ripening, by the follicle stimulating hormone
  - Binds to oestrogen receptors in the hypothalamus and pituitary resulting in a surge of gonadotrophin release for ovum maturation

## **SECTION B: SHORT ANSWER QUESTIONS 30 MARKS**

1. List any four (4) causes of abortions (2 Marks)
2. Distinguish between malignant and benign tumors (6 Marks)
3. Discuss the advice given on discharge to a patient after a vesicle vagina fistula (RVF) repair (6 marks)
4. Explain the TNM staging of cervical cancer (10 marks)
5. State 6 investigation performed on a couple who presents with infertility 2 for the male partner and 4 for the female partner (6Marks)

## **SECTION C: LONG ANSWER QUESTION: 20 MARKS**

A tearful M/S Poi aged 25 years is escorted to the Nchiru Level 4 hospital by a friend with complaints of having been forced to undergo FGM by the mother in law and the sisters in law. She further explains that the practice is accepted and celebrated by the community members.

- a) Formulate 4 Nursing diagnosis to be applied in the management of M/S Poi (4 Marks)
- b) Explain the specific management of M/S Poi for the first 24 hours (8 Marks)
- c) Explain any four (4) workable approaches a Community BSc. Nurse would adopt to reduce the FGM incidence in Nchiru Community (8 Marks)