



**MASINDE MULIRO UNIVERSITY OF
SCIENCE AND TECHNOLOGY
(MMUST)**

**UNIVERSITY EXAMINATIONS
2022/2023 ACADEMIC YEAR**

**SECOND YEAR SECOND TRIMESTER EXAMINATIONS
MAIN EXAM**

**FOR THE DEGREE OF
BACHELOR SCIENCE IN NURSING DIRECT/UPGRADING CLASSES**

COURSE CODE: NCN 326

COURSE TITLE: GYNAECOLOGY NURSING

DATE: 13/04/2023

TIME: 8:00AM-11:00AM

INSTRUCTIONS TO CANDIDATES

Answer all question provided

This Paper Consists of 6 Printed Pages. Please Turn Over.

GYNAECOLOGY NURSING

SECTION A MULTIPLE CHOICE QUESTIONS**20 MARKS**

1. The correct order of events during the menstrual cycle are?
 - A. FSH rise, ovulation, LH surge, luteal phase, menstruation
 - B. Luteal phase, menstruation, FSH rise, ovulation, follicular phase
 - C. Follicular phase, luteal phase, FSH rise, ovulation, menstruation
 - D. Menstruation, FSH rise, LH surge, ovulation, luteal phase

2. During the follicular phase, the dominant follicle arises in response to ?
 - A. Matrix-degrading proteases
 - B. hCG
 - C. FSH
 - D. Androgens

3. What is the correct order to the phases of the sexual response cycle?
 - A. Sexual attraction or arousal, excitement phase, plateau phase, orgasm, resolution phase
 - B. Sexual attraction or arousal, excitement phase, orgasm, plateau phase, resolution phase
 - C. Sexual attraction or arousal, excitement phase, orgasm, resolution phase, plateau phase
 - D. Plateau phase, excitement phase, orgasm, resolution phase, sexual attraction or arousal

4. What is the most common reason for a spontaneous abortion in the first trimester?
 - A. Uterine abnormality
 - B. Chromosomal abnormality
 - C. Endocrine disorder
 - D. Thrombophilia

5. The option that best describes obstetrical fistula is ?
 - A. A hole, between the vagina and the rectum, or between the vagina and the bladder, that formed as result of a childbirth complication
 - B. A hole that forms on a women's perineum as a result of childbirth
 - C. A connection between the vagina and the uterus that forms as result of a childbirth complication
 - D. A tear occurring as result of childbirth extending outwards from the vagina

6. If obstetrical fistula between the bladder and vagina is diagnosed or suspected shortly after delivery, the most common option for treatment is:
 - A. A plug is placed in the connection between the bladder and the vagina
 - B. Glue is used to closed the connection between the bladder and the vagina
 - C. A urinary catheter is placed for several weeks
 - D. Surgical interventions, is preformed as soon as woman is sufficiently healed from childbirth

7. What is a vesicovaginal fistula?
 - A. A hole connecting the bladder to the vagina
 - B. A hole connecting the vagina to the uterus
 - C. hole connecting the rectum to the vagina
 - D. Any hole on the anterior wall of the vagina
8. On bimanual examination the uterus is anteverted. It is dangerous to perform MVA on this patient because:
 - A. Post-abortal syndrome
 - B. Uterine perforation
 - C. Incomplete evacuation
 - D. Tear of the cervix
9. Indications for in vitro fertilization include which of the following
 - A. Poor coital technique
 - B. Absent cervical mucus
 - C. Endometritis
 - D. Tubal disease
10. Clomiphene Citrate is used to correct which of the following clinical problems
 - A. Anovulation
 - B. High Prolactin levels
 - C. A corpus Luteam defect
 - D. Cervical mucus of high quality
11. One of the following is not a risk factor for cancer of the cervix
 - A. infection of genitalia with HPV
 - B. first intercourse before 16 years
 - C. treponema pallidum
 - D. multiple sex partners

12. The contraceptive that is best during breastfeeding;
 - A. Combined hormonal patches
 - B. Estrogen only pills
 - C. Combined oral contraceptives pills
 - D. Progesterone only pills

13. Endocrine factors are major causes of abortion. Which of the following hormonal deficiency is associated with early pregnancy loss?
- A. Progesterone
 - B. Oestrogen
 - C. Prostaglandin
 - D. Oxytocin
14. What are uterine fibroids?
- A. Benign tumors of the uterus
 - B. Malignant tumors of the uterus
 - C. Cancerous tumors of the ovaries
 - D. None of the above
15. Which surgical procedure involves the removal of the uterus and cervix, but not the ovaries?
- A. Hysterectomy
 - B. Myomectomy
 - C. Endometrial ablation
 - D. None of the above
16. Which surgical procedure involves the removal of only the fibroids, leaving the uterus intact?
- A. Hysterectomy
 - B. Myomectomy
 - C. Endometrial ablation
 - D. None of the above
17. What is the most common cause of abnormal uterine bleeding in women of reproductive age?
- A. Uterine fibroids
 - B. Endometrial hyperplasia
 - C. Polyps
 - D. None of the above
18. What is the name for irregular bleeding that occurs between menstrual periods?
- A. Menorrhagia
 - B. Metrorrhagia
 - C. Menometrorrhagia
 - D. None of the above
19. What is manual vacuum aspiration (MVA)?
- A. A surgical procedure to remove uterine fibroids
 - B. A procedure to extract blood or fluids from the uterus
 - C. A technique to induce labor in pregnant women
 - D. A type of birth control method

20. How does Lactation Ammenorhea Method work?

- A. Breastfeeding suppresses ovulation
- B. Breastfeeding causes ovulation to occur more frequently
- C. Breastfeeding has no effect on ovulation
- D. None of the above

SECTION: II SHORT ANSWER QUESTIONS

(40 MARKS)

1. Draw a well labeled diagram of a uterus showing sites of Myoma invasion **(6 marks)**
2. State eight (8) investigations/ procedure done to a gynecological patient/client
(4marks)
3. Describe the Medical Eligibility criteria in Family planning **(6 marks)**
4. State six clinical features of pelvic inflammatory diseases **(6marks)**
5. Explain six risk factors to development of fistulas **(6marks)**
6. Describe the mode of action of combined oral contraceptives pills **(6 marks)**
7. State six causes of Menorrhagia **(6mark)**

SECTION: III LONG ANSWER QUESTIONS

(40MARKS)

1) Mrs Tembo gynecological patient presents to clinic with a diagnosis of ectopic pregnancy;

- a) State six risk factors to development of ectopic pregnancy **(6marks)**
- b) Describe the management of ectopic pregnancy from admission till discharge

(14marks)

2) Describe 5 types of Natural family planning methods

(20 marks)