Regn. No._____ **Subject Code: MBBS403**

M.B.B.S. THIRD PROFESSIONAL PART – II EXAMINATION, FEBRUARY-2025
GYNECOLOGY INCLUDING FAMILY WELFARE

PAPER - SECOND

[Time allotted: Three hours] **SET - A** **[Max Marks: 100]**

Q. 1. Multiple choice questions **(Darken the single best response in OMR sheet. Time allotted 20 minutes)** **(20 x 01 = 20)**

1. Which of the following statement is false for adenomyosis?
   - **a.** It is ingrowth of endometrium into myometrium
   - **b.** Diffuse enlargement of uterus
   - **c.** Adenoma is a localized growth
   - **d.** Is encapsulated growth in the myometrium
2. Swiss-cheese pattern of endometrium is seen is:
   - **a.** Carcinoma endometrium
   - **b.** Metropathia haemorrhagica
   - **c.** Hydatidiform mole
   - **d.** Halban's disease
3. All are seen in testicular feminization syndrome **EXCEPT**:
   - **a.** 46 XY
   - **b.** Primary amenorrhoea
   - **c.** Short stature
   - **d.** Blind vagina
4. Which of these is **not** a feature of Sheehan's syndrome?
   - **a.** Amenorrhoea
   - **b.** Galactorrhoea
   - **c.** Loss of pubic and axillary hair
   - **d.** Hypothyroidism
5. Best investigation to identify tubal patency is:
   - **a.** Hystero- salpingography
   - **b.** Rubin's test
   - **c.** Laparoscopy and chromo perturbation
   - **d.** Laparotomy
6. Action of which of the following IUCD lasts for 10 yrs:
   - **a.** Progestasert
   - **b.** Nova- T
   - **c.** Cu-T 380A
   - **d.** Multiload 250
7. Ca-125 is increased in all **except**:
   - **a.** TB of genital organ
   - **b.** Ovarian cancer
   - **c.** Endometriosis
   - **d.** Stein levanthal syndrome
8. The sequence of development of puberty in girls is:
   - **a.** Thelarche-Pubarche- Menarche
   - **b.** Pubarche-Thelarche- Menarche.
   - **c.** Pubarche-Menarche- Thelarche
   - **d.** Menarche-Thelarche – Pubarche.
9. Which of the following patients would be classified as having primary amenorrhea?
   - **a.** 11-year-old girl with Tanner stage 1 breasts
   - **b.** 14-year-old girl with Tanner stage 1 breasts
   - **c.** 13-year-old girl with Tanner stage 5 breasts
   - **d.** 12-year-old with Tanner stage 4 breasts
10. Which of the following is **not** a contraindication for estrogen therapy?
    - **a.** Breast cancer
    - **b.** Uterine cancer
    - **c.** Previous history of thromboembolic episode
    - **d.** Hypertension
11. Which of the following is false about the Cervarix vaccine?
    - **a.** Protects against HPV types 16 and 18
    - **b.** Dose is 0.5ml, intramuscular
    - **c.** Protective against genital warts
    - **d.** Dosing schedule – 0, 1 and 6 months
12. The non-contraceptive uses of oral contraceptives include all of the following **except**:
    - **a.** Reduction in the risk of ovarian cancer
    - **b.** Ectopic pregnancy
    - **c.** Protection against sexually transmitted diseases including HIV
    - **d.** Reduction in the risk of endometrial cancer
13. Which among the following is the largest benign ovarian tumor?
    - **a.** Serous cystadenoma
    - **b.** Mucinous cystadenoma
    - **c.** Teratoma
    - **d.** Dermoid cyst
14. A woman undergoing infertility treatment is found to have bilateral tubal blockage on hysterosalpingography. What is the most appropriate next step in her management?
    - **a.** Intrauterine insemination
    - **b.** In vitro fertilization (IVF)
    - **c.** Laparoscopic chromopertubation
    - **d.** Ovulation induction
15. What will be the level of the anti-Mullerian hormone in low ovarian reserve?
    - **a.** <1
    - **b.** 1-4
    - **c.** >7
    - **d.** >10
16. An increase in which of the following is spasmodic pain during dysmenorrhoea attributed to?
    - **a.** PGE1
    - **b.** PGE2
    - **c.** PGD2
    - **d.** PGF2α
17. A 30-year-old female, P2L2, presents with a mass per vaginum. On examination, infravaginal elongation of the cervix is noted. How will you treat this condition?
    - **a.** McCall culdoplasty
    - **b.** Le Forte's surgery
    - **c.** Fothergill surgery
    - **d.** Latzko procedure
18. All of the following are contraceptive methods used post-coitus **except**:
    - **a.** Danazol
    - **b.** CuT200
    - **c.** RU486
    - **d.** Combined high dose estrogen-progestin pills
19. Which of the following is virlising tumor of the ovary?
    - **a.** Arrhenoblastoma
    - **b.** Thecoma
    - **c.** Brenners
    - **d.** Carxinoid tumor
20. Which among the following reduces the risk of developing ovarian cancers?
    - **a.** Nulliparity
    - **b.** PCOS
    - **c.** HRT therapy
    - **d.** Bilateral tubectomy

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Note: Attempt all questions in sequence.
Draw suitable diagrams (wherever necessary)

Q. 2. Give reasons why: **(5 x 2 = 10)**

a. Vaginal pH increase after delivery
b. Why are patients with PCOS prone to develop Type -2 Diabetes Mellitus
c. Why are IUCD's avoided in nulliparous woman
d. HPV vaccines is most effective in adolescent girls
e. Why streak gonads should be removed

Q. 3. Problem based question:

A 58 years old Para-5 woman, came to the OPD with complaints of something coming out per vaginum since 3 years, difficulty in micturition and blood mixed vaginal discharge for 4-5 months. **(2+2+6=10)**

a. What are the predisposing factors for prolapse?
b. How will you treat Decubitus ulcer?
c. How will you manage this case

Q. 4. Write briefly on: **(4 x 6 = 24)**

a. Ashermann's Syndrome
b. Management of missing IUCD thread.
c. Syndromic Management of Vaginal discharge
d. A nulliparus female of 30yrs old, married for 5 years came to OPD. Her HSG reports shows bilateral tubal blockage. Husband semen analysis with in normal limit. How will you discuss and counsel the couple for pregnancy?

Q. 5. Structured question:

(i) A 30 year old Lady reports with H/O Passage of vesicles with heavy bleeding per Vagina following amenorrhea of 3 months. Write diagnosis, investigations to be done and management of the case. **(2+2+6=10)**

(ii) A 58 years old Postmenopausal woman is having bleeding per vaginum. Write the differential diagnosis, investigations and management. **(2+2+6=10)**

Q. 6. Answer in brief/As indicated: **(4 x 4 = 16)**

a. Lymphatic drainage of cervix with Labelled diagram
b. Screening test for CA Cervix
c. Table Showing Normal Semen Analysis
d. Who Classification of ovarian Tumours

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