

**POST GRADUATE EXAMINATION, APRIL - 2019**

**MS OBSTETRICS & GYNAECOLOGY  
(PAPER ONE)**

**BASIC SCIENCES AS RELATED TO OBSTETRICS & GYNAECOLOGY**

**[Time allotted: Three hours]**

**[Max Marks: 100]**

**Note:** Attempt all questions  
Illustrate with suitable diagrams.

**Q. 1.** Define sepsis syndrome. Write its pathogenesis, diagnosis and management. **(20)**

**Q. 2.** What are the phases of labour? Explain parturition cascade. **(20)**

**Q. 3. Describe briefly:** **(3 x 10 = 30)**

- a. Pathophysiology of twin-twin transfusion syndrome
- b. Kinetics of fetal circulation and its adaptation at birth
- c. Contraception in adolescents and menopause

**Q. 4. Write short notes on:** **(5 x 6 = 30)**

- a. Oophorectomy at hysterectomy
- b. Colposcopic findings in normal and abnormal cervix
- c. Single umbilical artery
- d. Endopelvic fascia
- e. Maturation index

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**POST GRADUATE EXAMINATION, APRIL - 2019**

**MS OBSTETRICS & GYNAECOLOGY  
(PAPER TWO)**

**OBSTETRICS INCLUDING NEONATOLOGY**

**[Time allotted: Three hours]**

**[Max Marks: 100]**

**Note:** Attempt all questions  
Illustrate with suitable diagrams.

**Q. 1.** Describe the complications and management of twin pregnancy at term. (20)

**Q. 2.** Explain carbohydrate metabolism in pregnancy. How will you manage a case of GDM in pregnancy and labour? (20)

**Q. 3. Describe briefly:** (3 x 10 = 30)

- a. Birth injuries during podalic delivery
- b. Parental iron - therapy, indication and regimes in pregnancy
- c. ACOG classification of forceps. Factors for successful forceps application with minimal perinatal complications

**Q. 4. Write short notes on:** (5 x 6 = 30)

- a. NYHA classification of heart disease during pregnancy
- b. Status eclampticus
- c. Colour doppler in obstetrics
- d. Post-partum female sterilization operation
- e. Adolescent pregnancy

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**MS OBSTETRICS & GYNAECOLOGY**

**(PAPER THREE)**

**PRINCIPLES & PRACTICE OF GYNAECOLOGY & GYNAECOLOGICAL PATHOLOGY**

**[Time allotted: Three hours]**

**[Max Marks: 100]**

**Note:** Attempt all questions  
Illustrate with suitable diagrams.

- Q. 1. Write the classification of A.U.B. Discuss the management of heavy menstrual bleeding. (20)
- Q. 2. Describe the hormonal events of menopause. How will you manage a lady at 60 years of age? (20)
- Q. 3. Describe briefly: (3 x 10 = 30)
- Medical management of endometriosis
  - Common ulcers of vulva
  - Pregnancy with fibromyoma uterus
- Q. 4. Write short notes on: (5 x 6 = 30)
- Screening of ovarian malignancy
  - Colposcopic evaluation of cervix
  - Dysgerminoma
  - Features and diagnosis of SUI
  - Hirsutism

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**POST GRADUATE EXAMINATION, APRIL - 2019**  
**MS OBSTETRICS & GYNAECOLOGY**  
**(PAPER FOUR)**  
**RECENT ADVANCES IN OBSTETRICS & GYNAECOLOGY**

**[Time allotted: Three hours]**

**[Max Marks: 100]**

**Note:** Attempt all questions  
Illustrate with suitable diagrams.

- Q. 1.** What are the various ongoing trials on various types of newer methods of contraception? Discuss the available male contraceptive methods. What do you understand by NSV? **(10+5+5 = 20)**
- Q. 2.** Discuss the endocrinology of menopausal transition and menopause. How will you manage a case of premature ovarian failure? **(10+10 = 20)**
- Q. 3. Describe briefly:** **(3 x 10 = 30)**
- Lasers in gynaecology
  - Surrogacy – Clinical, social and economical issues
  - PNDT act
- Q. 4. Write short notes on:** **(5 x 6 = 30)**
- Use of embryonic stem cells in regenerative medicine
  - Robotic surgery in gynaecology
  - Genetics and gynaecological malignancy
  - Antibiotic prophylaxis in cesarean section
  - Umbilical cord blood banking

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