THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[MS 0524] **MAY 2024** **Sub. Code: 4020**

M.S. DEGREE EXAMINATION

BRANCH VI – OBSTETRICS AND GYNAECOLOGY

PAPER IV – RECENT ADVANCES IN OBSTETRICS & GYNAECOLOGY

Q.P. Code: 224020

Time: Three Hours **Maximum: 100 Marks**

I. Elaborate on: **(2 x 15 = 30)**

1. What are the advances in management of female infertility?

2. Discuss the strategies to reduce MMR. Elaborate on the prevention and strategies of management of Sepsis in Obstetrics.

II. Write notes on: **(10 x 7 = 70)**

1. Role of Hysteroscopy in Gynaecology.
2. NT scan.
3. SUMAN.
4. HRT in Menopause.
5. Methods of pain relief in labour.
6. Verbal autopsy.
7. Primary ovarian insufficiency: Diagnosis and Management.
8. Functions of a CEMONC centre.
9. Complications of laparoscopic surgeries.
10. HPV vaccine.

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THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[MS 1224] **DECEMBER 2024** **Sub. Code: 4020**

(OCTOBER 2024 EXAM SESSION)

M.S. DEGREE EXAMINATION

OBSTETRICS AND GYNAECOLOGY

PAPER IV – RECENT ADVANCES IN OBSTETRICS & GYNAECOLOGY

Q.P. Code: 224020

Time: Three Hours **Maximum: 100 Marks**

I. Elaborate on: **(2 x 15 = 30)**

1. What are the factors responsible for adolescent pregnancy? How will you manage adolescent pregnancy? Describe the strategies to prevent adolescent pregnancy.

2. Discuss pre-conceptional counselling.

II. Write notes on: **(10 x 7 = 70)**

1. Surrogacy.
2. Anemia Mukt Bharat.
3. Laparoscopic management of vaginal apical prolapse.
4. Postpartum blues.
5. Oocyte donation.
6. Newer drugs in management of endometriosis.
7. Janani Suraksha Yojana scheme.
8. Verbal autopsy.
9. Post Natal exercises.
10. Progestin implants.

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THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[MS 0525] **MAY 2025** **Sub. Code: 4020**

M.S. DEGREE EXAMINATION

OBSTETRICS AND GYNAECOLOGY

PAPER IV – RECENT ADVANCES IN OBSTETRICS & GYNAECOLOGY

Q.P. Code: 224020

Time: Three Hours **Maximum: 100 Marks**

I. Elaborate on: **(2 x 15 = 30)**

1. Discuss in detail the uses of both diagnostic and operative laparoscopy in gynecology and its complication.

2. Recent advance in treatment of placenta accreta.

II. Write notes on: **(10 x 7 = 70)**

1. MTP Amendment act 2021.
2. Uterine transplant.
3. Perimortem caesarean section.
4. Appropriate uses of blood components in obstetrics.
5. Surrogacy.
6. Labour analgesia.
7. MRIFUS in fibroid uterus.
8. Oocyte cryopreservation.
9. LARC.
10. Critically evaluate the role of tubal surgery in the present ART era.

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THE TAMIL NADU Dr. M.G.R. MEDICAL UNIVERSITY

[MS 1025] **OCTOBER 2025** **Sub. Code: 4020**

M.S. DEGREE EXAMINATION

OBSTETRICS AND GYNAECOLOGY

PAPER IV – RECENT ADVANCES IN OBSTETRICS & GYNAECOLOGY

Q.P. Code: 224020

Time: Three Hours **Maximum: 100 Marks**

I. Elaborate on: **(2 x 15 = 30)**

1. Evaluate the role of ulipristal and MRgFUS in the management of fibroid uterus.

2. 14-year-old girl presenting with sexual assault to gynaecology OPD. How will you medically evaluate the victim? Discuss in detail about the medical aspects, preventive and psychological issues of sexual assault.

II. Write notes on: **(10 x 7 = 70)**

1. Intracytoplasmic Morphologically Selected Sperm injection (IMSI) Technique.
2. Falloposcopy.
3. Management of recurrent ovarian cancer.
4. Role of MRI in obstetrics and gynaecology.
5. Newer hormonal delivery contraceptive systems.
6. Ovarian reserve.
7. Urodynamics in gynaecology.
8. Stem cells.
9. Newer insulin in pregnancy.
10. Mirror syndrome.

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THE TAMIL NADU Dr. M.G.R. MEDICAL UNIVERSITY

[MS 0526] **MAY 2026** **Sub. Code: 4020**

M.S. DEGREE EXAMINATION

OBSTETRICS AND GYNAECOLOGY

PAPER IV – RECENT ADVANCES IN OBSTETRICS & GYNAECOLOGY

Q.P. Code: 224020

Time: Three Hours **Maximum: 100 Marks**

I. Elaborate on: **(2 x 15 = 30)**

1. Define the Maternal Mortality Rate. What are the causes of maternal mortality in India? Discuss the strategies to reduce MMR.

2. Discuss the indications and methodology of various assisted reproductive technologies.

II. Write notes on: **(10 x 7 = 70)**

1. Atosiban as a tocolytic.
2. Uterine artery embolization.
3. Av malformation of the uterus.
4. POCSO Act.
5. Immunization in pregnancy.
6. LSCS Audit.
7. Hysteroscopic myomectomy.
8. Laser in obstetrics and gynecology.
9. Near miss audit.
10. Cell free fetal DNA and its indications.

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