

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH
(A DEEMED TO BE UNIVERSITY)

Post Graduate Degree Examination - November 2019

Time : 3 Hrs

Max Marks : 100

M.S OBSTETRICS & GYNAECOLOGY

Paper-I

QP Code: P3141

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

LONG ESSAY

10 X 10 = 100

1. Discuss the maternal adaptation during pregnancy and puerperium?(5+5)
2. USG for screening ovarian cancer and role of colour Doppler (6+4)
3. Describe fetal circulation. Briefly discuss the clinical importance of Doppler studies in obstetrics.
(5+5)
4. What are the biochemical markers used for diagnosis of fetal anomalies in the 1st trimester? How to diagnose congenital dislocation of hips during pregnancy? (5+5)
5. Physiology of menstruation and menstrual disturbances in adolescence. (5+5)
6. Ovulation induction and suppression (5+5)
7. Role of lasers in gynaecology (10)
8. What are the physiological changes of puberty? Define precocious puberty. (8+2)
9. What is Down's syndrome? What are its clinical characteristics? Describe prenatal diagnostic test for Down's syndrome. (2+2+6)
10. Lymphatic drainage of vulva and its importance in gynaecology (4+6)

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Paper- II QP Code: P3142

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

LONG ESSAY

10 X 10 = 100

1. Definition, causes, clinical features and management of sub involution of uterus. (2+2+3+3)
2. Discuss the management of primigravida with 33 weeks of gestation with preterm labor. Critically evaluate the various methods for prevention of preterm birth. (6+4)
3. Causes of breech presentation. How will you manage a case of primigravida with 37 weeks of gestation with breech presentation? (2+8)
4. Describe routine newborn care. Management of transient tachypnea of newborn (6+4)
5. Aims and objectives of post natal care. Procedure and advice given in post natal care. (4+6)
6. Classify the hypertensive disorders of pregnancy. Describe the pathophysiology of pre-eclampsia. Describe the role of antihypertensive therapy in cases of pregnancy-induced hypertension. Name the hypertensive drugs, dosage and routes of administration with levels of evidence in managing a case of hypertensive disorder of pregnancy. (3+3+4)
7. Outline the current strategies of management of HIV sero-positive woman during pregnancy. What are the recommendations of NACO for the management during labor, delivery, lactation of neonate in a HIV positive pregnant woman? (4+6)
8. What are the imaging modalities recommended during pregnancy? What all the hazards of ionizing radiation on fetus? (6+4)
9. What are the causes of fetal anaemia? Write methods used to diagnose fetal anaemia. Management plan to treat it. (2+4+4)
10. Physiological changes of thyroid gland in pregnancy. Functions of fetal thyroid. Role of routine screening for thyroid function in pregnancy. (4+3+3)

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Paper- III QP Code: P3143

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LONG ESSAY

10 X 10 = 100

1. Define retroversion. Causes of retroversion. Clinical features and management.(2+2+3+3)
2. Write about tension free vaginal tape and tension free obturator tape. (5+5)
3. Classify perineal tears. How to manage third degree perineal tear(5+5)
4. Discuss importance of life style changes in etiology and management of PCOS .[4+6]
5. Describe the various methods of postpartum contraception and its application .[6+4]
6. Transcervical resection of endometrium and its complications. (10)
7. What is corpus cancer syndrome? FIGO staging ,role of chemo-radiation in advanced ca endometrium(2+4+4)
8. What are the endocrinological changes at menopause? Explain possible mechanism of hot flushes.
What are the current recommendations for hormonal replacement therapy? (3+3+4)
9. Etiopathology of CIN, diagnosis and significance of supravaginal elongation of cervix (3+4+3)
10. Classify germ cell ovarian tumours. Write in brief about laboratory and radiological findings and management of dysgerminoma. (4+3+3)

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Paper- IV QP Code: P3144

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LONG ESSAY

10 X 10 = 100

1. Noninvasive prenatal diagnosis. (10).
2. Structural and current scenario of rural health care system
3. Classification of BMI? Effects of obesity on pregnancy and effects of pregnancy on obesity and management of obesity in pregnancy? (2+2+3+3)
4. Recent advances in neonatal resuscitation protocols. (10)
5. ST Analyser uses, advantages and disadvantages over conventional Non stress test (4+3+3)
6. Write about Gestational surrogacy (10)
7. Write about Breast cancer screening. Role of Breast feeding after implantation. Explain about advantages and disadvantages of milk banking in India.
8. Write a note on Ashermann's syndrome. Prophylactic measures to prevent adhesions. (5+5)
9. Uses, indication and complications of hormonal therapy in pre menopausal transition (3+4+3)
10. What is 3D/4D ultrasound? Mention its applications in gynecology. (4+6)