

MANIPAL UNIVERSITY**DIPLOMA IN OBSTETRICS & GYNAECOLOGY (DGO) EXAMINATION – APRIL 2011****SUBJECT: PAPER I: BASIC SCIENCES**

Monday, April 04, 2011

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

- ✍ **Answer ALL questions.**
- ✍ **Each question carries TEN marks.**

1. Describe the structure and functions of placenta.
2. Explain the physiology of lactation with a diagram and list advantages of breast feeding.
3. Reason out why pregnancy is considered as a diabetogenic and a hypercoagulable state?
4. Describe the physiological changes during puerperium.
5. Discuss the pharmacodynamics of magnesium sulfate and mention the various Regimens for eclampsia.
6. Describe the development of female genital tract and mention the various congenital anomalies of uterus with their clinical relevance.
7. Discuss the histopathology of germ cell tumors of the ovary.
8. Describe the physiological changes occurring at puberty.
9. Describe the anatomy of pelvic ureter. What are the situations in which ureter is likely to be injured during gynecologic surgeries?
10. Describe transformation zone of the cervix.



MANIPAL UNIVERSITY**DIPLOMA IN OBSTETRICS & GYNAECOLOGY (DGO) EXAMINATION – APRIL 2011****SUBJECT: PAPER II: OBSTETRICS INCLUDING NEONATOLOGY AND CONTRACEPTION**

Tuesday, April 05, 2011

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ Answer ALL questions.**✍ Each question carries TEN marks.**

1. Discuss the management of HIV (Human Immunodeficiency Virus) positive antenatal woman in pregnancy and labor.
2. What are the non-contraceptive uses and benefits of hormonal contraception?
3. Discuss the management of Rhesus isoimmunized pregnancy diagnosed at 26 weeks of gestation.
4. Discuss the management of shoulder dystocia.
5. Discuss the screening for Down syndrome in the first and second trimesters.
6. Discuss the different types and management of abnormal uterine action.
7. Discuss the management of a case of PROM (Prelabor rupture of membranes) at 30 Weeks of gestation.
8. Enumerate the causes of jaundice in third trimester and outline the management of any one condition.
9. Describe a pathological trace during intrapartum fetal monitoring with Cardiotocography. Outline management of the same.
10. Discuss the principles of prescribing drugs during pregnancy.



MANIPAL UNIVERSITY**DIPLOMA IN OBSTETRICS & GYNAECOLOGY (DGO) EXAMINATION – APRIL 2011****SUBJECT: PAPER III: GYNAECOLOGY AND RECENT ADVANCES**

Wednesday, April 06, 2011

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL questions.**

✍ **All questions carry equal marks.**

1. Define persistent trophoblastic disease. Discuss the diagnosis and management of the same.
2. What is unexplained infertility? How do you counsel a patient with unexplained infertility? Discuss the management.
3. List the various histological types of endometrial cancer and mention their clinical features. Discuss the role of radiotherapy in management of endometrial cancer.
4. Discuss causes for geriatric urinary incontinence and outline their management.
5. Describe the procedure of Manchester repair for prolapse uterus. List the prerequisites and complications of this operation.
6. Discuss factors to be considered while prescribing hormones for dysfunctional uterine bleeding. Mention other non - hormonal therapies for the same.
7. Write briefly on differential diagnosis and management of vaginal wall swelling.
8. Discuss evaluation and management of a 16 year old girl with hirsutism.
9. Discuss management of pain in endometriosis.
10. Discuss pre operative preparations and intra operative measures required to prevent post operative complications in vaginal and abdominal hysterectomies.

