

MANIPAL UNIVERSITY

DIPLOMA IN OBSTETRICS & GYNAECOLOGY (DGO) EXAMINATION – OCTOBER 2009

SUBJECT: PAPER I: BASIC SCIENCES

Monday, October 05, 2009

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ Answer ALL the questions.

✍ All Questions carry equal marks.

1. Describe the types of pelvis described by Caldwell and Moloy and state the diameters of normal gynecoid pelvis. Mention the clinical significance of each type of pelvis.
2. Classify tocolytics and write their mechanism of action.
3. Discuss the physiology of lactation.
4. Describe carbohydrate metabolism in pregnancy.
5. Discuss the cardiovascular changes in normal pregnancy and changes in preeclampsia and multiple pregnancy.
6. Write about the pharmacokinetics and uses of magnesium sulfate.
7. Describe the two cell - two gonadotropin theory of ovulation.
8. Classify chemotherapeutic agents and mention the uses of methotrexate in obstetrics and gynecology.
9. Discuss the causes of first trimester abortion. Explain the genetics of complete mole and partial mole.
10. Describe the lymphatic spread of carcinoma cervix. How is this knowledge applied in radiotherapy for cancer cervix?



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SUBJECT: PAPER II: OBSTETRICS INCLUDING NEONATOLOGY AND CONTRACEPTION

Tuesday, October 06, 2009

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ Answer ALL the questions.

✍ All Questions carry equal marks.

1. Describe the management of pre term labor and a premature neonate.
2. Describe the diagnosis and antenatal management of multiple pregnancies.
3. Critically evaluate the role of episiotomy in current practice.
4. What are the management strategies for a primigravida with unengaged head at term?
5. Write the management of a second gravida at 38 weeks of pregnancy with history of previous cesarean section.
6. What is the significance of asymptomatic bacilluria and write the obstetrical problems of the same?
7. What are the causes of neonatal jaundice and write the management?
8. What are the types of intrauterine contraception available and discuss the problems associated with them?
9. Discuss the management of breech presentation in labour.
10. Write the management of severe atonic post partum hemorrhage.



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SUBJECT: PAPER III: GYNAECOLOGY AND RECENT ADVANCES

Wednesday, October 07, 2009

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ Answer ALL the questions.

✍ All Questions carry equal marks.

1. What are the common sites of endometriosis? Discuss the management of endometriosis in a 30 year old lady.
2. What are the grades of genital prolapse? Describe the clinical features and complications of uterovaginal prolapse.
3. Describe clinical features, diagnosis and management of vesico vaginal fistula.
4. Describe clinical features, complications and discuss the management of dermoid cyst.
5. A 23 year old obese nullipara presented to infertility clinic with history of irregular cycles. Sonography revealed bilaterally enlarged ovaries with multiple peripheral follicles of varying size. Discuss the evaluation and management.
6. Define menorrhagia. What are its causes? Discuss evaluation and management of menorrhagea in a 45 year old lady.
7. Describe the etiology, clinical features, investigations and management of bacterial vaginosis.
8. Discuss the role of laparoscopic surgery in gynecology.
9. Write briefly on large loop excision of transformation zone.
10. Write briefly on genetic predisposition of gynecological malignancy.

