D.G.O.

[Diploma in Gynaecology & Obstetrics]

BF/2015/05

# Basic Sciences as related to Obstetrics & Gynaecology

# [Paper –I]

Time : 3 Hours M.M.: 100

Note: Attempt all questions.

All questions carry equal marks.

Illustrate your answer with suitable diagrams.

1. Define labour. Describe the mechanism of initiation of labour at term. [10]

2. What is the normal vaginal flora? Describe the implications and management of bacterial vaginosis in gynaecology. [10]

3. Briefly describe the hormonal therapy for AUB (Abnormal uterine bleeding). [10]

4. Discuss stress incontinence and its management. [10]

5. Describe the lymphatic drainage of upper genital tract. What is the role of lymphadenectomy in carcinoma endometrium. [10]

6. Describe the effect of pregnancy of coagulation. How will you manage intrauterine fetal death at 32 weeks gestation with coagulopathy. [10]

7. Enumerate the causes of hyperandrogenism. Outline a systemic approach in a young woman presenting with hirsuitism in a flow chart. [10]

8. What is the pathophysiology of Rh Isoimmunisaiton? Give its management. [10]

9. Discuss how does ovulation occur and what is ovarian reserve. [10]

10. Describe the embryological development of Mullerian system and classification of Mullerian anomalies. [10]

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# Principles & Practice of Obstetrics & Gynaecology

# & diseases of new born babies

# [Paper –II]

Time : 3 Hours M.M.: 100

Note: Attempt all questions.

All questions carry equal marks.

Illustrate your answer with suitable diagrams.

1. Discuss the first trimester screening for aneuploidy. [10]

2. Discuss the effects of cardiac disease in pregnancy. How will you manage a case of cardiac disease in labour. [10]

3. Discuss the carbohydrate metabolism in pregnancy. How will you manage a case of gestational diabetes during pregnancy presenting at 18 wks. [10]

4. Enumerate various breast complications during puerperium. Discuss the management of breast abscess. [10]

5. Enumerate all spacing methods of contraception. Explain how Cu-T acts as contraception. What are the complications of IUCD and its management.

[10]

6. Discuss the different causes and management of neonatal Jaundice. [10]

7. Discuss the differential diagnosis of abnormal uterine bleeding in a 40 Yrs old woman. What is the non-surgical management of ovulatory uterine bleeding. [10]

8. What is FIGO anatomical staging of gestational trophoblastic neoplasia. Discuss the management of placental site trophoblastic tumour. [10]

9. Role of neoadjuvant chemotherapy on ovarian cancer. [10]

10. What are the pre invasive lesions of cancer cervix. Discuss its plan of management. [10]

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# Recent advances in Obstetrics & Gynaecology

# [Paper –III]

Time : 3 Hours M.M.: 100

Note: Attempt all questions.

All questions carry equal marks.

Illustrate your answer with suitable diagrams.

1. Role of forceps Vs caesarean section in second stage arrest. [10]

2. Discuss conservative management of fibroid uterus. [10]

3. Management of glandular intraepithelial neoplasia cervix. [10]

4. Describe post partum collapse. [10]

5. Management of antiphospholipid antibody syndrome in pregnancy. [10]

6. Screening and management of gestational diabetes during pregnancy. [10]

7. Role of parenteral iron therapy in anaemia during pregnancy. [10]

8. Discuss ARV drug therapy in pregnant HIV +ve woman. [10]

9. Discuss in brief role of stem cell therapy. [10]

10. Management of overactive bladder. [10]

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