

[LC 0413]

APRIL 2013

Sub. Code:3003

**FELLOWSHIP IN ULTRASOUND (OBGYN)- DEGREE EXAMINATION
FIRST YEAR**

PAPER – III GYNAECOLOGICAL ULTRASOUND

Q.P. Code: 233003

Time: 3 hours

Maximum: 100 marks

I. Essay:

(2X20=40)

1. Role of USG in the diagnosis of Adnexal mass
2. Discuss the role of Doppler study in Gynaecology

II. Write short notes on:

(10X6=60)

1. Describe the signs of ovulation on USG
2. Detection of congenital anomalies of uterus on USG
3. Differential diagnosis of fluid in the pouch of Douglas
4. Indications and advantages of Trans vaginal ultrasonography
5. Diagnosis of Polycystic ovarian Disease by USG
6. USG fetures of malignanat ovarian cyst
7. Evaluation of vaginal anomalies by USG
8. Ultra sonography of normal uterus
9. Role of Ultrasound examination in lymphnode involvement
10. Diagnosis of ectopic pregnancy by USG

FELLOWSHIP IN ULTRASOUND (OBGYN)
FIRST YEAR
PAPER III – GYNAECOLOGICAL ULTRASOUND

Q.P. Code : 233003

Time: Three Hours

Maximum: 100 marks

Answer ALL questions

I. Elaborate on: **(2 x 20 = 40)**

1. Describe the normal cyclical changes in the endometrium that can be studied by USG.
Discuss the progressive abnormal Ultrasonographic features of anovulatory bleeding.
2. Describe the normal USG features of a normal Ovary. How will you diagnose Polycystic ovary on USG? How will you recognize the complications of Ovulation induction by doing USG.

II. Write Short Notes on: **(10 x 6 = 60)**

1. Peri endometrial halo.
2. Doppler in gynaecology.
3. Features of Hydrosalpinx on USG.
4. Asherman's syndrome of USG.
5. Differential diagnosis of a mixed echogenic mass on USG in the Rt. Iliac fossa.
6. USG features of malignant ovarian mass.
7. Tubal patency test by USG.
8. Assessment of the supports of the uterus by USG.
9. USG features in chronic pelvic pain.
10. Use of USG in improving the outcome of IVF-ET.

[LF 0414]

OCTOBER 2014

Sub. Code: 3003

FELLOWSHIP IN ULTRASOUND (OBGYN)

FIRST YEAR

(Candidate admitted 2013-2014)

PAPER III – GYNAECOLOGICAL ULTRASOUND

Q.P. Code : 233003

Time: Three Hours

Maximum: 100 marks

Answer ALL questions

I. Elaborate on:

(2 x 20 = 40)

1. Ultrasound Evaluation of Primary Amenorrhea.
2. Ultrasound in Infertility.

II. Write Short Notes on:

(10 x 6 = 60)

1. Foul smelling vaginal discharge in 8 yr old girl – Role of ultrasound in diagnosis.
2. Ultrasound features of endometrium in various phases of menstrual cycle.
3. Ultrasound localization of intrauterine device.
4. Role of ultrasound in postmenopausal bleeding.
5. Ultrasound differentiating features of benign and malignant ovarian mass.
6. Ultrasound and pelvic infection.
7. Ultrasound features in hydrosalpinx.
8. Evaluation of bladder in pelvic organ prolapse.
9. Chocolate cyst of ovary.
10. Role of ultrasound in chronic pelvic pain.

[LG 0415]

APRIL 2015

Sub. Code: 3003

FELLOWSHIP IN ULTRASOUND (OBGYN) EXAMS

FIRST YEAR

(Candidates admitted 2013-2014)

PAPER III – GYNAECOLOGICAL ULTRASOUND

Q.P. Code: 233003

Time: Three Hours

Maximum: 100 marks

Answer ALL questions

I. Elaborate on:

(2 x 20 = 40)

1. Various presentations of uterine fibroids.
2. Differential diagnosis of adnexal masses.

II. Write notes on:

(10 x 6 = 60)

1. Follicular study.
2. Ultrasonographic assessment of endometrial lesions.
3. Ultrasound features of adenomyosis.
4. Advantages of transvaginal ultrasound.
5. 3-D ultrasound features in pelvic pathology.
6. Differentiating features of adenomyosis from fibroid in ultrasound.
7. Features of postmenopausal endometrium.
8. Polycystic ovaries – Rotterdam criteria.
9. Postmenopausal ovarian cyst – assessing risk of malignancy.
10. Role of Doppler in pelvic pathology.

[LH 0413]

OCTOBER 2015

Sub. Code: 3003

FELLOWSHIP IN ULTRASOUND (OBGYN) - DEGREE EXAMINATION

FIRST YEAR

(Candidates admitted 2012-2013 onwards)

PAPER III – GYNAECOLOGICAL ULTRASOUND

Q.P. Code: 233003

Time: Three Hours

Maximum: 100 marks

Answer ALL questions

I. Elaborate on:

(2 x 20 = 40)

1. Ultrasound evaluation of ovarian tumours.
2. Role of ultrasound in Endometriosis.

II. Write notes on:

(10 x 6 = 60)

1. Role of 3D in uterine anomalies.
2. Ultrasound evaluation of fibroids.
3. Ultrasound in cystic adnormal lesion.
4. Advantages of Transvaginal ultrasound.
5. Imaging of polycystic ovaries.
6. Antral follicle count – Role of ultrasound.
7. Value of ultrasound in detecting retained products of conception.
8. Role of ultrasound in pelvic inflammatory disease.
9. Ultrasound features of Adenomyosis.
10. Ultrasound evaluation of inter-Menstrual bleeding.

[LI 0416]

APRIL 2016

Sub. Code:3003

**FELLOWSHIP IN ULTRASOUND (OBGYN) - DEGREE EXAMINATION
FIRST YEAR
PAPER III – GYNAECOLOGICAL ULTRASOUND**

Q.P. Code: 233003

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Ultrasound in Infertility.
2. Ultrasound evaluation of Malignancy & Ovarian Mass Lesions.

II. Write notes on:

(10 x 6 = 60)

1. Endometrial pathology – Ultrasound Features.
2. Adenomyosis.
3. Dermoid Cyst of the Ovary – Ultrasound Evaluation.
4. Sonographic Features of Polycystic Ovaries.
5. Saline infusion Sonography.
6. 3 D Imaging of the Uterus.
7. Types of Fibroids and their Sonographic features.
8. Trans Vaginal Scanning.
9. Sonographic Evaluation of Fallopian Tubes.
10. Ultra Sound Evaluation of Post Menopausal bleeding.

[LJ 1016]

OCTOBER 2016

Sub. Code: 3003

**FELLOWSHIP IN ULTRASOUND (OBGYN) EXAMS
FIRST YEAR
PAPER III – GYNAECOLOGICAL ULTRASOUND**

Q.P. Code: 233003

Time: Three hours

Maximum: 100 Marks

I. Elaborate on: (2 x 20 = 40)

1. Describe the endometrium in different phases of menstrual cycle. Explain the pathological causes for endometrial thickening with relevant Sonographic features.
2. Role of ultrasound in infertility.

II. Write notes on: (10 x 6 = 60)

1. What are the limitations of transabdominal pelvic sonography? What are the advantages of transvaginal sonography?
2. Role of 2D ultrasonography in uterine anomalies.
3. How will you differentiate between leiomyoma uterus and adenomyosis sonographically?
4. Sonographic features of retained products of conception.
5. Dermoid cyst of ovary. How will you identify torsion ovarian cyst sonographically?
6. Sonographic evaluation of fallopian tube. Sonographic features of pelvic inflammatory disease.
7. Role of ultrasound in follicular monitoring in an infertile female. What is antral follicle count?
8. How will you differentiate between a benign and malignant ovarian tumor?
9. Sonographic evaluation of post menopausal ovary. What are the sonographic features of chocolate cyst of ovary?
10. Pelvic abscess.

[LK 0517]

MAY 2017

Sub. Code: 3003

**FELLOWSHIP IN ULTRASOUND (OBGYN) EXAMS
FIRST YEAR
PAPER III – GYNAECOLOGICAL ULTRASOUND**

Q.P. Code: 233003

Time: Three hours

Maximum: 100 Marks

I. Elaborate on: (2 x 20 = 40)

1. Role of ultrasound for the evaluation of gynaecological causes of Acute Pelvic pain.
2. Ultrasound for the evaluation and management of ovarian causes of Infertility.

II. Write notes on: (10 x 6 = 60)

1. Post menopausal ovary.
2. Ultrasound in mullerian anomalies.
3. Types of fibroids and their sonographic features.
4. Endometrial polyp.
5. Ultrasound in tubal malignancy.
6. Elasto graphy.
7. Ultrasound in endometriosis.
8. Role of ultrasound in evaluating endometrium in infertility.
9. Saline sono salphingo graphy.
10. Differential diagnosis for a cystic lesion in the uterine cavity.

[LL 1017]

OCTOBER 2017

Sub. Code: 3003

**FELLOWSHIP IN ULTRASOUND (OBGYN) EXAMS
FIRST YEAR
PAPER III – GYNAECOLOGICAL ULTRASOUND**

Q.P. Code: 233003

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Ultrasound evaluation of female infertility.
2. Post menopausal bleeding causes and management.

II. Write notes on:

(10 x 6 = 60)

1. Congenital uterine malformations.
2. Ultrasound evaluation of ovarian torsion.
3. Endometritis.
4. Asherman syndrome.
5. Ovarian hyper-stimulation syndrome.
6. Ultrasound finding of pelvic inflammatory disease.
7. Hormone replacement therapy.
8. Endometrial hyperplasia.
9. Endometrial polyps.
10. Complications of tamoxifen.

[LN 1018]

OCTOBER 2018

Sub. Code: 3003

**FELLOWSHIP IN ULTRASOUND (OBGYN) EXAMS
FIRST YEAR
PAPER III – GYNAECOLOGICAL ULTRASOUND**

Q.P. Code: 233003

Time: Three hours

Maximum: 100 Marks

I. Elaborate on: (2 x 20 = 40)

1. Discuss about the uterine anomalies and ultrasound findings with diagrams.
2. Discuss about the various types of fibroids and their ultrasound appearances.

II. Write notes on: (10 x 6 = 60)

1. Ovarian Hyper Stimulation Syndrome – ultrasound findings.
2. Discuss about the junctional Zone in adenomyosis.
3. Endometrial polyps.
4. Pouch of Douglas.
5. Ultrasound appearance of endometriotic cyst and haemorrhagic cyst.
6. Role of ultrasound in the evaluation of primary amenorrhoea.
7. Write notes on WHIRLPOOL Sign.
8. Dysgerminoma of Ovary.
9. Post-Menopausal Bleeding – Diagnostic clues from Ultrasound.
10. Discuss about Massive ovarian oedema.
