

[LE 0414]

APRIL 2014

Sub. Code: 3012

**FELLOWSHIP IN ULTRASOUND (OBGYN)  
SECOND YEAR  
PAPER VI –FETAL ANOMALIES & 3D ULTRASOUND**

*Q.P. Code : 233012*

**Answer All Questions**

**Time : 3 hours**

**Maximum : 100 marks**

**I. Elaborate on:**

**(2x20=40)**

1. Dilated Fetal Bowel. Discuss the differential diagnosis and evaluation.
2. Fetal Cystic Kidneys – Classification and ultrasound features.

**II. Write notes on:**

**(10X6=60)**

1. Amniotic Band Syndrome
2. Duodenal Atresia
3. Polydactyly
4. Role of 3 D for Fetal Facial anomalies
5. Bladder outlet obstruction in Fetus - Diagnosis
6. Diagnosis of Fetal Cardiomegaly
7. Osteogenesis imperfecta – Ultrasound features
8. Isolated Ventriculomegaly – diagnostic criteria and work up
9. Twin to Twin transfusion syndrome – Ultrasound diagnosis
10. Fetal Ovarian cyst.

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[LG 0415]

APRIL 2015

Sub. Code: 3012

**FELLOWSHIP IN ULTRASOUND (OBGYN)  
SECOND YEAR  
PAPER VI –FETAL ANOMALIES & 3D ULTRASOUND**

*Q.P. Code : 233012*

**Time : Three hours**

**Maximum : 100 marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Discuss the complications of Mono chorionic Diamniotic twin in detail.
2. Hydrops Fetalis – Classification and ultrasound features.

**II. Write notes on:**

**(10 x 6 = 60)**

1. Nuchal translucency
2. Role of 3D in spinal anomalies
3. Premaxillary triangle and its significance
4. Three Vessel view and its importance
5. Echogenic lung – Diagnostic criteria
6. Achondrogenesis – Ultrasound features
7. Arthrogyrosis
8. Diaphragmatic hernia
9. Posterior fossa cystic lesions
10. Foot abnormalities

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[LI 0416]

APRIL 2016

Sub. Code: 3012

**FELLOWSHIP IN ULTRASOUND (OBGYN) - DEGREE EXAMINATION  
SECOND YEAR  
PAPER VI – FETAL ANOMALIES & 3D ULTRASOUND**

*Q.P. Code: 233012*

**Time: Three hours**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. List out complications of Monochorionic diamniotic twin gestation. Write in detail the stages of twin to twin transfusion syndrome.
2. Echogenic lungs discuss in detail the conditions and Sonographic features.

**II. Write notes on:**

**(10 x 6 = 60)**

1. Agenesis of corpus callosum.
2. Amniotic band syndrome.
3. Arnold chiari malformation.
4. Role of 3D in facial anomalies.
5. Achondrogenesis – Sonographic features.
6. Hyperechoic kidneys.
7. List out 4 chamber anomalies and sonographic features.
8. Abdominal wall defects.
9. Non immune hydrops.
10. Role of 3D in Uterine anomalies.

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[LJ 1016]

OCTOBER 2016

Sub. Code:3012

**FELLOWSHIP IN ULTRASOUND (OBGYN) EXAMS  
SECOND YEAR  
PAPER VI – FETAL ANOMALIES & 3D ULTRASOUND**

*Q.P. Code: 233012*

**Time: Three hours**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Discuss about USG features of intracranial anomalies of fetus.
2. Sonographic features of fetal hydrops.

**II. Write notes on:**

**(10 x 6 = 60)**

1. Polycystic kidneys.
2. Achondroplasia.
3. Aqueductal stenosis.
4. Spina bifida
5. Gastroschisis.
6. Sequestration spectrum of lungs.
7. 3D evaluation of the peripheral vascular system of the fetus.
8. Cystic hygroma.
9. USG diagnosis of conjoined twins.
10. Osteogenesis imperfecta.

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[LK 0517]

MAY 2017

Sub. Code:3012

**FELLOWSHIP IN ULTRASOUND (OBGYN) EXAMS  
SECOND YEAR  
PAPER VI – FETAL ANOMALIES & 3D ULTRASOUND**

*Q.P. Code: 233012*

**Time: Three hours**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Elaborate on Diaphragmatic Hernia and their diagnosis by ultrasound.
2. Discuss about various fetal renal anomalies and their ultrasound features.

**II. Write notes on:**

**(10 x 6 = 60)**

1. TRAP.
2. Cleft lip.
3. TTTS.
4. Echogenic lungs.
5. Encephalocele.
6. Megacystis.
7. Arnold chiari malformation.
8. Ambiguous genitalia.
9. Omphalocele.
10. Single umbilical artery.

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[LL 1017]

OCTOBER 2017

Sub. Code:3012

**FELLOWSHIP IN ULTRASOUND (OBGYN) EXAMS  
SECOND YEAR  
PAPER VI – FETAL ANOMALIES & 3D ULTRASOUND**

*Q.P. Code: 233012*

**Time: Three hours**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Embryology of aortic arch. Discuss in detail the various aortic arch anomalies and their associations.
2. Discuss about the USG features of thoracic anomalies of fetus.

**II. Write notes on:**

**(10 x 6 = 60)**

1. Corpus callosal agenesis.
2. Hypoplastic left heart syndrome.
3. STIC imaging.
4. Pre-natal diagnosis of posterior urethral valve.
5. Fetal abdominal cysts.
6. Antenatal diagnosis of esophageal atresia.
7. Echogenic bowel.
8. Lung head ratio.
9. Limb body wall complex.
10. Osteogenesis imperfecta.

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[LN 1018]

OCTOBER 2018

Sub. Code:3012

**FELLOWSHIP IN ULTRASOUND (OBGYN) EXAMS  
SECOND YEAR  
PAPER VI – FETAL ANOMALIES & 3D ULTRASOUND**

*Q.P. Code: 233012*

**Time: Three hours**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Development of Fetal Heart. Discuss in detail about congenital Heart anomalies seen on Ultrasound.
2. Discuss in detail Gastrointestinal anomalies in Fetal USG.

**II. Write notes on:**

**(10 x 6 = 60)**

1. Ebstein anomalies.
2. Role of 3D ultrasound on cleft lip.
3. Atrial septal defect.
4. Club foot.
5. Rocker bottom foot.
6. Hydronephrosis.
7. Hemivertebrae.
8. Poly hydramnius.
9. Sacral agenesis.
10. Micrognathia.

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