

[LL 1017]

OCTOBER 2017

Sub. Code:3011

**FELLOWSHIP IN ULTRASOUND (OBGYN) EXAMS
SECOND YEAR
PAPER V – FETAL ENVIRONMENT & DOPPLER**

Q.P. Code: 233011

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Discuss in detail the sonographic evaluation of a patient with Polyhydramnios.
2. Elaborate on the embryology, sonoanatomy of placenta in various trimesters and uteroplacental circulation.

II. Write notes on:

(10 x 6 = 60)

1. Intrauterine bands in pregnancy.
2. Non-trophoblastic tumors of placenta.
3. Amniotic fluid regulation.
4. Role of middle cerebral artery Doppler.
5. Single umbilical artery.
6. Placenta praevia.
7. Doppler indices and their significance.
8. Vascular anastomosis in MCDA twins.
9. Placental assessment in twin gestation.
10. Pitfalls in amniotic fluid assessment.
