

[LE 0414]

APRIL 2014

Sub. Code:3002

**FELLOWSHIP IN ULTRASOUND (OBGYN) - DEGREE EXAMINATION
FIRST YEAR
PAPER – II BASIC SCIENCES RELATED TO ULTRASOUND
(Embryology, Anatomy, Physiology of Reproductive system, Pathology and Clinical
aspects of Obstetrics and Gynaecology)**

Q.P. Code: 233002

Time: 3 hours

Maximum: 100 marks

I. Essay:

(2X20=40)

1. Explain the pathophysiology of pre eclampsia in pregnancy and debate the role of ultrasound in screening for pre eclampsia in pregnancy.
2. What is Rhesus incompatibility? Discuss the fetal complications

II. Write short notes on:

(10X6=60)

1. Detection and management of unruptured tubal ectopic pregnancy
2. Placenta previa and its clinical presentation
3. Congenital uterine anomalies
4. Fetal macrosomia
5. Biochemical and ultrasound diagnosis of early pregnancy
6. Anatomy of the fetal heart
7. Evaluation of tubal patency
8. Physiology of ovulation
9. Evaluation of utero placental circulation
10. Role of ultrasound in evaluation of post menopausal bleeding
