

[LF 1014]

OCTOBER 2014

Sub. Code: 3002

**FELLOWSHIP IN ULTRASOUND (OBGYN) EXAMS
FIRST YEAR**

(Candidates admitted 2013-2014)

**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 : Three hours

Maximum : 100 marks

I. Elaborate on :

(2 x 20=40)

1. What are the factors that need to be looked at when considering the teratogenic effect of a medication? Discuss the teratogenic potential of antiepileptic drugs how you may minimize them?
2. Describe the structure of the placenta. How does failure of certain changes in placental structure impact pregnancy outcome?

II. Write notes on:

(10 x 6 = 60)

1. PCOS
2. Approach to bleeding in late pregnancy
3. Blood supply to the uterus
4. Embryological development palate
5. What are the uterine fibroids? and how to classify them
6. The nine weeks fetus
7. APLA – diagnosis and risks in pregnancy
8. Role of ultrasound in the management of an ectopic pregnancy
9. Causes of post menopausal bleeding and initial evaluation
10. Routine tests in pregnancy and their rationale
