

May - 2014

BLDE UNIVERSITY

PRE -Ph.D COURSE WORK EXAMINATION PAPER - II: BACKGROUND PAPER (PHARMACOLOGY)

QP CODE : 6017

Duration : 1 ½ Hrs

Max. Marks : 50

I Answer the following

5X2=10 marks

1. What is menotropin?
2. Where does the maturation of spermatozoa occurs?
3. What are activins?
4. What is libido?
5. Which are the accessory male sex glands?

II Answer ANY FOUR of the following

4X5=20 marks

6. Physiological role of sertoli's cells in spermatogenesis.
7. Role of autonomic nervous system in regulation of female reproductive function.
8. Hormonal replacement therapy.
9. Compare and contrast between natural and synthetic estrogens.
10. Anti-progestins.

III Answer ANY TWO of the following

2X10=20 marks

11. Estrogens- Mechanism of action, pharmacological actions and therapeutic uses. (2+4+4)
12. Anti-Androgens- Mechanism of action, therapeutic uses and adverse effects.. (2+4+4)
13. Describe the physiological role of Hypothalamic - Hypophyseal axis in regulation of female menstrual rhythm.