



RK Academy

One step Ahead to Your Success...



Test

(1) During parturition, a pregnant women is having prolonged labour pains and child birth has to be hastened. It is advisable to administer a hormone that can
(1X5=5)
(a) increase metabolic rate
(b) release glucose in blood
(c) stimulate the ovary
(d) Activate smooth muscles.

(2) Which of the following statements are correct with hormones of placenta?

(i) placenta secretes relaxin during later stage of pregnancy

(ii) placenta secretes high amount of FSH during pregnancy.

(iii) Placenta secretes relaxin during initial stage of pregnancy.

(iv) placenta secretes hCG and hPL during pregnancy.

(a) (i) and (iv) (b) (ii), (iii) and (iv)

(c) (i) and (iv) (d) (i), (iii) & (iv)

(3) Choose the correct option

ovary	Fallopian tube	uterus
a) Moricula	fertilised egg	Blastocyst
b) unfertilised egg	fertilised egg	Moricula
c) Unfertilised egg	fertilised egg	Blastocyst
d) fertilised egg	Moricula	Blastocyst

- ④ Penetration of sperm in ovum is followed by
- formation of 1st polar body
 - completion of M-II
 - first meiosis
 - dissolution of zona pelucida

- ⑤ Androgens are synthesized by
- Sertoli cells
 - Leydig cells
 - Seminal vesicles
 - Bulbourethral gland.

2 marks

(2 × 2 = 4)

- Explain ovarian events from day 16-23 of menstrual cycle.
- Draw a sectional view of ovary showing different follicular stages of human female.

3 marks

(3 × 2 = 6)

- Mention the source & functions of hCG, ~~hPL~~ LH, FSH, Relaxin
- Explain the process of oogenesis in human female

5 marks

(5 × 1 = 5)

- Explain formation of placenta after implantation in human female. (2)
- Describe the process of parturition in human female. (3)