

BIOLOGY CLASS 12 BATCH

Human Reproduction

DPP-07

1. Identify the correct sequence of the events of menstrual cycle
- (1) Follicular phase → Menstrual phase → Ovulation → Luteal phase
 - (2) Menstrual phase → Ovulation → Follicular phase → Luteal phase
 - (3) Menstrual phase → Follicular phase → Ovulation → Luteal phase
 - (4) Menstrual phase → Luteal phase → Ovulation → Follicular phase

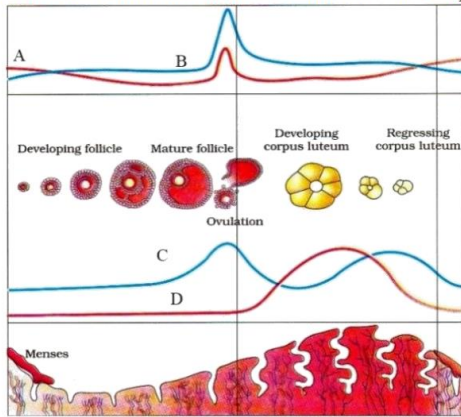
2. Match the following

a.	Menstrual Phase	i.	Graafian follicle ruptures to release the ovum
b.	Follicular phase	ii.	Corpus luteum secretes progesterone and estrogen
c.	Ovulation	iii.	Follicular development and endometrium repair
d.	Luteal phase	iv.	Endometrium breakdown and released from uterus

- (1) a – iii, b – iv, c – i, d – ii
- (2) a – iv, b – iii, c – i, d – ii
- (3) a – ii, b – iv, c – i, d – iii
- (4) a – i, b – iv, c – iii, d – ii

3. Events that occur during follicular phase are
- (1) Primary follicles in the ovary develop into mature graafian follicles
 - (2) Endometrium of uterus regenerates through proliferation
 - (3) Estrogen and Progesterone rise to attain peak
 - (4) Both (A) & (B)
4. Find the incorrect statement about menstruation
- (1) The menstrual flow results due to breakdown of endometrial lining of the uterus
 - (2) Endometrial blood vessels form liquid that comes out through vagina
 - (3) Menstruation occurs if the released ovum is not fertilized
 - (4) Lack of menstruation occurs only because of pregnancy
5. Hormone that triggers ovulation is
- (1) FSH
 - (2) LH
 - (3) Estrogen
 - (4) GnRH
6. Absence of menstruation could be due to
- (1) Pregnancy
 - (2) Stress
 - (3) Poor health
 - (4) All of the above
7. Pregnancy hormone is
- (1) Inhibin
 - (2) Progesterone
 - (3) hCG
 - (4) LH
8. After ovulation, ruptured graafian follicle changes into
- (1) Primordial follicle
 - (2) Corpus luteum
 - (3) Corpus albicans
 - (4) Macula lutea
9. Find the correct statement
- (1) LH stimulates formation of corpus luteum
 - (2) LH maintains corpus luteum during pregnancy
 - (3) LH levels remain high throughout pregnancy
 - (4) All of the above
10. Find out the correct statement with respect to human menstrual cycle
- (1) Estrogen stimulates proliferation of uterine endometrium
 - (2) Estrogen stimulates maintenance of uterine endometrium
 - (3) FSH triggers ovulation
 - (4) FSH inhibits Inhibin secretion

11. Hormone which stimulates follicular development is



- (1) A (2) B
(3) C (4) D

12. Select the incorrect statement about female hormonal activity

- (1) The secretion of LH and FSH increases gradually during the follicular phase
- (2) LH surge induces rupture of graafian follicle and thereby ovulation
- (3) The corpus luteum secretes large amounts of progesterone
- (4) Inhibin gives positive feedback to FSH

13. In a menstrual cycle, duration of luteal phase is

- (1) 14 days
- (2) 4-5 days
- (3) 8-10 days
- (4) 1 day

14. If a female has 30 days menstrual cycle, then ovulation occurs on

- (1) 16th day
- (2) 15th day
- (3) 14th day
- (4) 18th day

15. Which hormone shows its peak twice during menstrual cycle?

- (1) FSH
- (2) LH
- (3) Estrogen
- (4) Progesterone

16. Which of the following does not occur if fertilisation occurs?

- (1) Regression of corpus luteum
- (2) Decline in progesterone levels
- (3) Endometrium breakdown and is released from uterus
- (4) All of the above

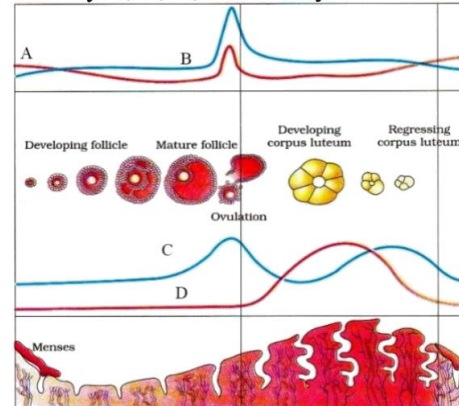
17. Female ovum released from ovary is captured by

- (1) Ampulla of fallopian tube
- (2) Fimbriae of infundibulum of fallopian tube
- (3) Fimbriae of isthmus of fallopian tube
- (4) Uterine fundus

18. Regression of corpus luteum occurs as

- (1) Progesterone gives negative feedback to LH
- (2) Estrogen gives negative feedback to FSH
- (3) GnRH gives negative feedback to FSH
- (4) Progesterone gives negative feedback to FSH

19. Identify A, B, C, D correctly



- (1) A – LH
B – FSH
C – Estrogen
D – Progesterone
- (2) A – FSH
B – LH
C – Estrogen
D – Progesterone
- (3) A – FSH
B – LH
C – Progesterone
D – Estrogen
- (4) A – FSH
B – Estrogen
C – LH
D – Progesterone

ANSWER KEY

1. (3)
2. (2)
3. (4)
4. (4)
5. (2)
6. (4)
7. (3)
8. (2)
9. (1)

10. (1)
11. (1)
12. (4)
13. (1)
14. (1)
15. (3)
16. (4)
17. (2)
18. (1)
19. (2)