

OPEN STUDENT FOUNDATION

CHAPTER : Human Reproduction STD 12TH Biology PRACTICE SHEET DAY 12

Date : 29/02/24

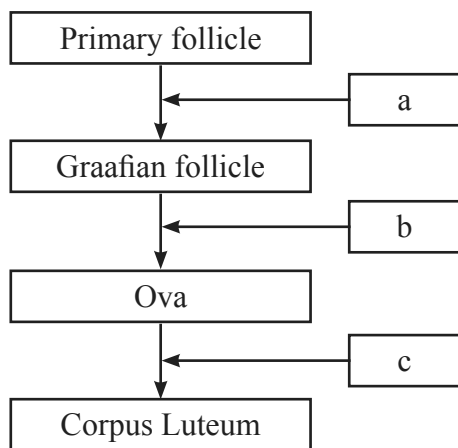
Time: 1 hr

Section A

- Choose correct answer from the given options. [Each carries 1 Mark] [10]
- During which days of menstrual cycle, secretion of LH from pituitary leading to its maximum level
(A) 25 to 28 days (B) 13 to 15 days (C) 19 to 23 days (D) 1 to 5 days
 - In human, fertilisation is possible only when,
(A) Ovum and sperm are transported simultaneously to the ampullary region
(B) Haploid ovum (ootid) enter into the fallopian tube and sperm enter into uterus at the same time
(C) Ovum and sperm enter into uterus at the same time
(D) The haploid ovum (ootid) release from ovary and insemination to vaginal orifice at the same time
 - _____ is formed from the cleavage of zygote which gets implanted on uterus.
(A) Four celled stage (B) Eight celled stage (C) Blastocyst (D) Morula
 - Which of the following hormone is not produced from the placenta ?
(A) hCG (B) Relaxin (C) hPL (D) Estrogens
 - Fertilisation takes place in _____ of Human.
(A) Infundibulum (B) Ampullary region (C) Uterine cavity (D) Vagina
 - Which hormones produced in women only during pregnancy?
(A) hCG, Estrogen, Progesterone (B) hPL, Cortisole, Prolectine
(C) Relaxin, Estrogen, Corstisole (D) hCG, hPL, Relaxin
 - After spermiogenesis, sperm head is embedded in _____.
(A) Sertoli cells (B) Interstitial cells (C) Leydig cells (D) Corpus luteum
 - For normal fertility, at least _____ sperms must have normal shape and size and atleast _____ of them must show vigorous motility.
(A) 50% and 50% (B) 70% and 30% (C) 40% and 60% (D) 60% and 40%
 - _____ hormone is associated with parturition.
(A) FSH (B) hCG (C) Oxytocin (D) LTH
 - Hormone responsible for causing stronger uterine contractions _____.
(A) FSH (B) LH (C) Oxytocin (D) Progesterone

Section B

- Write the answer of the following questions. [Each carries 2 Marks] [10]
- Given below is a flow chart showing ovarian changes during menstrual cycle. Fill in the spaces giving the name of the hormones responsible for the events shown.



2. Give a schematic labelled diagram to represent oogenesis (without descriptions)
3. What are the changes in the oogonia during the transition of a primary follicle to Graafian follicle?
4. What is fetal ejection reflex? Explain how it leads to parturition?
5. How many spermatozoa are formed from one secondary spermatocyte?

Section C

● Write the answer of the following questions. [Each carries 3 Marks]

[3]

6. Write a short note on female accessory ducts.

Section D

● Write the answer of the following questions. [Each carries 4 Marks]

[8]

7. What is oogenesis? Give a brief account of oogenesis.
8. What is spermatogenesis? Briefly describe the process of spermatogenesis.

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Total Marks: 30

PRACTICE SHEET DAY 12

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Section [A] : 1 Mark MCQ

No	Ans	Chap	Sec	Que	Universal_Queld
1.	B	Chap 2	S5	163	QP23P13B1214_P1C2S5Q163
2.	A	Chap 2	S5	164	QP23P13B1214_P1C2S5Q164
3.	C	Chap 2	S5	165	QP23P13B1214_P1C2S5Q165
4.	B	Chap 2	S5	166	QP23P13B1214_P1C2S5Q166
5.	B	Chap 2	S5	167	QP23P13B1214_P1C2S5Q167
6.	D	Chap 2	S5	168	QP23P13B1214_P1C2S5Q168
7.	A	Chap 2	S5	169	QP23P13B1214_P1C2S5Q169
8.	D	Chap 2	S5	170	QP23P13B1214_P1C2S5Q170
9.	C	Chap 2	S5	171	QP23P13B1214_P1C2S5Q171
10.	C	Chap 2	S5	172	QP23P13B1214_P1C2S5Q172

Section [B] : 2 Marks Questions

No	Ans	Chap	Sec	Que	Universal_Queld
1.	-	Chap 2	S3	8	QP23P13B1214_P1C2S3Q8
2.	-	Chap 2	S3	9	QP23P13B1214_P1C2S3Q9
3.	-	Chap 2	S3	10	QP23P13B1214_P1C2S3Q10
4.	-	Chap 2	S3	4	QP23P13B1214_P1C2S3Q4
5.	-	Chap 2	S3	2.1	QP23P13B1214_P1C2S3Q2.1

Section [C] : 3 Marks Questions

No	Ans	Chap	Sec	Que	Universal_Queld
6.	-	Chap 2	S1	17	QP23P13B1214_P1C2S1Q17

Section [D] : 4 Marks Questions

No	Ans	Chap	Sec	Que	Universal_Queld
7.	-	Chap 2	S1	25	QP23P13B1214_P1C2S1Q25
8.	-	Chap 2	S1	21	QP23P13B1214_P1C2S1Q21