

OPEN STUDENT FOUNDATION

CHAPTERS 1,2,3

STD 12TH Biology

Date : 18/02/24

Total Marks: .

PRACTICE SHEET DAY 1

Time: 1 hr

Section A

- Choose correct answer from the given options. [Each carries 1 Mark] [5]
- In which plant is Autogamy observed ?
(A) Apeaceae and Lameaceae (B) Verbinaceae and Meraceae
(C) Menispermesi and Moraceae (D) Apocyneceae Gramini
 - Which of the following flowers are pollinated by house fly ?
(A) Yucca (B) Avacado (C) Zostera (D) Maize
 - Choose the incorrect statement from the following
(A) In birds and mammals internal fertilisation takes place
(B) Colostrum contains antibodies and nutrients
(C) Polyspermy in mammals is prevented by the chemical changes in the egg surface
(D) In the human female implantation occurs almost seven days after fertilisation
 - Spot the odd one out from the following structures with reference to the male reproductive system
(A) Rete testis (B) Epididymis (C) Vasa efferentia (D) Isthmus
 - Mature Graafian follicle is generally present in the ovary of a healthy human female around :
(A) 5 – 8 day of menstrual cycle (B) 11 – 17 day of menstrual cycle
(C) 18 – 23 day of menstrual cycle (D) 24 – 28 day of menstrual cycle

Section B

- Write the answer of the following questions. [Each carries 2 Marks] [10]
- Give advantages - disadvantages of MTP.
 - Give scientific reason : Testis are located in the scrotum outside the abdominal cavity.
 - Give scientific reason : Artificial hybridisation is one of the major approaches of crop improvement programme.
 - Give scientific reason : Amniocentesis diagnose genetic irregularity of embryo / foetus.
 - Explain - Parturition and Lactation.

Section C

- Write the answer of the following questions. [Each carries 3 Marks] [12]
- What is Apomixis ? Give its importance.
 - What are STIs ? Give information about diseases occurred by it ?
 - Describe pregnancy and embryonic development.
 - Draw a neat diagram of the female reproductive system and label the parts associated with the following
(a) production of gamete, (b) site of fertilisation (c) site of implantation and, (d) birth canal.

Section D

- Write the answer of the following questions. [Each carries 4 Marks] [4]
- In Oogenesis, describe the process between primary follicle formation to ovulation (Chart is necessary).

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Section [A] : 1 Mark MCQ

No	Ans	Chap	Sec	Que	Universal_Queld
1.	A	Chap 1	S9	6	QP23P11B1214_P1C1S9Q6
2.	B	Chap 1	S9	5	QP23P11B1214_P1C1S9Q5
3.	C	Chap 2	S5	1	QP23P11B1214_P1C2S5Q1
4.	D	Chap 2	S5	3	QP23P11B1214_P1C2S5Q3
5.	B	Chap 2	S5	6	QP23P11B1214_P1C2S5Q6

Section [B] : 2 Marks Questions

No	Ans	Chap	Sec	Que	Universal_Queld
1.	-	Chap 3	S1	15	QP23P11B1214_P1C3S1Q15
2.	-	Chap 2	S2	7	QP23P11B1214_P1C2S2Q7
3.	-	Chap 1	S2	10	QP23P11B1214_P1C1S2Q10
4.	-	Chap 3	S2	11	QP23P11B1214_P1C3S2Q11
5.	-	Chap 2	S1	26	QP23P11B1214_P1C2S1Q26

Section [C] : 3 Marks Questions

No	Ans	Chap	Sec	Que	Universal_Queld
6.	-	Chap 1	S1	28	QP23P11B1214_P1C1S1Q28
7.	-	Chap 3	S1	16	QP23P11B1214_P1C3S1Q16
8.	-	Chap 2	S1	23R	QP23P11B1214_P1C2S1Q23R
9.	-	Chap 2	S8	4	QP23P11B1214_P1C2S8Q4

Section [D] : 4 Marks Questions

No	Ans	Chap	Sec	Que	Universal_Queld
10.	-	Chap 2	S1	17R	QP23P11B1214_P1C2S1Q17R