O. P. JINDAL SCHOOL, SAVITRI NAGAR

Periodic Test – I (Round-I) 2026 – 2027

Class: XII **MM: 20**

Subject: Biology (044) **Time: 01 Hr.**

General Instructions:

- ***Question paper contains 03 Sections (Section – A, Section – B, Section – C)***
- ***Section A – Multiple Choice Questions (MCQ's) carries 01 mark each.***
- ***Section B – Very Short Answer Type Questions carries 02 marks each.***
- ***Section C – Short Answer Type Questions carries 03 marks each.***

Section – A

Q1.Spermatogenesis occurs in the:
(a) Ovary (b) Testes
(c) Uterus (d) Epididymis

Q2.The hormone responsible for ovulation is:
(a) FSH (b) LH
(c) Estrogen (d) Progesterone

Q3.Implantation of the embryo occurs in the:
(a) Ovary (b) Vagina
(c) Fallopian tube (d) Uterus

Q4.Human fertilization normally occurs in the:
(a) Cervix (b) Uterus
(c) Ampullary-isthmic junction (d) Vagina.

Q5. Double fertilization is a characteristic feature of:
(a) Gymnosperms (b) Bryophytes
(c) Angiosperms (d) Algae

Q6. The female gametophyte of flowering plants is:
(a) Ovule (b) Embryo sac
(c) Ovary (d) Endosperm

Section – B

Q7. Differentiate between:

(i) Self-pollination and Cross-pollination.
(ii) Chasogamous and Cliestogamous flower

Q8. What are Leydig cells? Write its function.

Q9. Describe the structure of pollen grain with labelled diagram.

Q10. Draw a human sperm and label acrosome and middle piece. Mention their functions.

Or

Draw a neat diagram of female reproductive system and label the parts associated with the following

(i)Production of gametes

(ii)Site of fertilization

(iii)Site of implantation

(iv)Birth canal

Section – C

Q11. What is oogenesis? Give a brief account of oogenesis.

Or

Explain spermatogenesis ? Briefly describe the process of spermatogenesis.

Q12. Describe the structure of a mature embryo sac with a neat labelled

****