Seven Star Sr. Sec. School Bani **MM:30**
Class XII

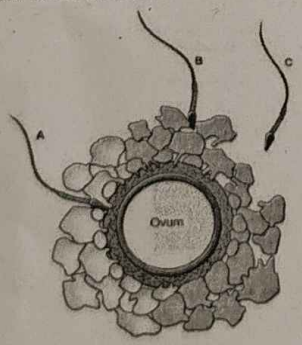
Test Biology

1. Which of the following produces sperm?
a) Sertoli cells. b) Leydig cells
c) Seminiferous tubules. d) Prostate gland
2. Which of the following is correct regarding the menstrual cycle?
a) LH is highest during menstruation
b) Ovulation occurs on the 7th day
c) Progesterone levels peak in the luteal phase
d) FSH suppresses follicle growth
3. Which of the following correctly represents the sequence of stages in spermatogenesis?
a) Spermatid → Spermatogonia → Sperm
b) Spermatogonia → Spermatocyte → Spermatid → Sperm
c) Sperm → Spermatid → Spermatocyte
d) Spermatocyte → Spermatogonia → Sperm
4. In the absence of fertilization, the corpus luteum:
a) Is maintained for 9 months
b) Converts into a new follicle
c) Degenerates into corpus albicans
d) Continues secreting progesterone 5. Acrosomal enzymes help sperm to:
a) Swim faster
b) Penetrate the zona pellucida
c) Prevent polyspermy
d) Divide into spermatids (2)

6. What is the specific term used for the process of formation of spermatozoa from the spermatids? How is different from spermiation? (2)

7. What are the sources of following hormones inside the body.
a) Testosterone b) Progesterone (2)

8. Given below is the diagram of human program surrounded by a few sperms. Observe the diagram and answer the following questions.



a) compare the fate of sperms shown in the diagram.
b) mention what helps in the entry of sperms into the ovum.