

Name: \_\_\_\_\_ R. No. \_\_\_\_\_ Class/ Sec: \_\_\_\_\_ Date: \_\_\_\_\_ Invig. Sign \_\_\_\_\_

ATOMIC ENERGY CENTRAL SCHOOL, NARORA  
CLASS XII BIOLOGY UNIT TEST FIRST 2018-19

MM: 50

TIME: 1:30 Hr.

## General Instructions:

- All questions are compulsory and marks are mentioned in front of each question.
- Electronic devices are prohibited to use in the examination.
- Use Blue or Black Pen only.
- Don't write answer or objectionable things on question paper.

1. Meiosis is an important event in the sexual cycle of an organism. Give reason. (1)
2. Name the the part of the flower which tassels of the corn cob represent. (1)
3. Write location and function of sertoli cells in humans. (1)
4. Mention one positive and negative application of amniocentesis. (1)
5. Define spermiogenesis? Where does it occur? (1)
6. Draw a sectional view of a pollen grain and label the following parts: (i) intine  
(ii) Exine (iii) Germ pore (iv) Generative cell (2)
7. Describe the lactational amenorrhea method of birth control. (2)
8. (a) Where do the signals of parturition originate from in humans? (1)  
(b) Why is it important to feed the new born babies on colostrum? (1)
9. Explain any two devices by which autogamy is prevented in flowering plants. (2)
10. Write two major adaptations in animals exhibiting external fertilization. (2)
11. What is apomixis? How is the phenomenon useful for the farmers? (3)
12. Draw the diagram of human sperm. Label only those parts along with its functions  
that assist the sperm to reach and gain entry into female gamete. (3)