

CLASS 12 B. 7/05/2020

BIOLOGY. TEST 1

TIME 1 Hr.

Q.1. Explain the significance of meiocytes in diploid organisms.

Q.2. How is continuation of species maintained generation after generation?

Q.3. The cell division involved in gamete formation is not of the same type in different organism. Justify.

Q.4. Which is better mode of reproduction, sexual or asexual? Why?

Q.5. Mention the scientific term used for the modified form of reproduction in which the seeds are formed without fusion of gametes.

Q.6. Describe the structure of a typical embryo sac found in flowering plants. Why it is generally referred to as monosporic.

Q.7. Why are non-albuminous seeds so called?

Q.8. Describe any two devices in a flowering plant which prevent both autogamy and geitonogamy.

Q.9. Where is sporopollenin present in plants? State its significance with reference to its chemical nature

Q.10. How does megaspore mother cell develop into 7 celled 8 nucleate embryo sac in an angiosperm? Draw a labeled diagram of a mature embryo sac.