

BAL BHARATI PUBLIC SCHOOL, NAVI MUMBAI



CLASS: XII **SUBJECT: BIOLOGY**

WORKSHEET-Chap: 2

General Instructions:

All the questions are compulsory.

Draw neat and labeled diagrams wherever necessary.

1. Ornithophily refers to the pollination by which of the following?
a) Insect b) Birds c) Snails d) Air
2. Both autogamy and geitonogamy are prevented in-
a) Papaya b) Cucumber c) Castor d) Maize
3. Xenogamy is a type of:
a) Allogamy b) Autogamy c) Homogamy d) Cleistogamy
4. Fragrant flower with well-developed nectarines' are an adaptation for-
a) Chiropterophily b) Entomophily c) Anemophily d) Hydrophily
5. A bilobed, dithecous anther has 100 microspore mother cells per microsporangium. How many male gametophytes can it produced?
6. Rearrange the following in order of their position from outside in a carpel:
(i) Nucellus (ii) Embryo sac (iii) Integuments (iv) Ovary.
7. Mention the reasons for differences in ploidy of zygote and primary endosperm nucleus in an angiosperm.
8. Mention the pollinating agent of an inflorescence of small dull coloured flowers with well Exposed stamens and large feathery stigma. Give any one characteristic of pollen grains Produced by such flowers.
9. The microspore pollen grains of the past are obtained as fossils. Mention the characteristic of pollen grains that makes it happen.
10. Describe the development of embryo-sac in angiosperms with the help of diagrams.