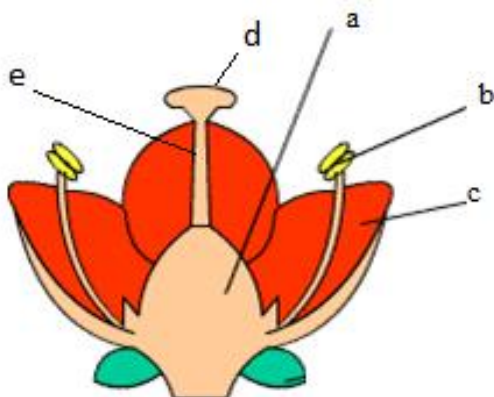




Subject : SCIENCE	Topic : Reproduction in Plants	Date of Worksheet : 31-01-2018
Resource Person: Mrs. S. SubhajaNandakumar		Date : _____
Name of the Student : _____	Class & Division : VII Div._	Roll Number : __

Answer the following

- 1) Fill in the blanks: 1
 - a) Production of new individuals from the vegetative part of parent is called _____.
 - b) A flower may have either male or female reproductive parts. Such a flower is called _____.
 - c) The transfer of pollen grains from the anther to the stigma is known as _____.
 - d) The fusion of male and female gametes is termed as _____.
 - e) Seed dispersal takes place by means of _____, _____ and _____.
- 2) What is the benefit of colourful petals for plants? 1
- 3) Why are spore formed? 1
- 4) What is found in embryo sac? 1
- 5) Circle the odd one out and give reasons for the choice of your answer: 2
 - a) Leaf, root, stem, flower
 - b) Budding, spore formation, fruit formation, fragmentation
 - c) Anther, stigma, ovary, style
 - d) Rose, papaya, petunia, mustard
- 6) Label the following reproductive parts of the flower. 2



7) Write the correct sequence of the following events that take place during sexual reproduction in plants: 3

Fertilisation, pollination, development of embryo, germination of pollen tube, seed formation, falling off of all parts of the flower except ovary.

8) Mention the various ways by which seeds are dispersed. 5

How are the seeds of the following plants dispersed?

- (a) Grass (b) Urena (c) Coconut (d) Xanthium (e) Drumstick

9) Give the differences between 5

- (a) self-pollination and cross-pollination.
 (b) Sexual and Asexual Reproduction
 (c) Unisexual and Bisexual flowers

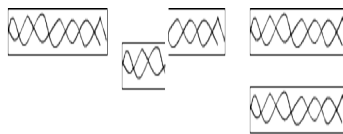
10) State true or false

- (a) Bisexual flowers contain both the stamens and the pistil.
 (b) In asexual reproduction, a new plant is grown from any part of a plant involving the seeds.
 (c) The stamen is the female reproductive part.
 (d) The cell formed as a product of fertilisation is called zygote.

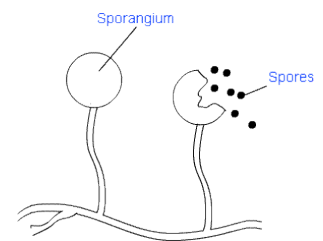
11) Identify the type of reproduction for the given figures.



a)-----



b) _____



c) _____



d)_____



e)_____



f) _____