

Name: _____	Subject: Biology	Class: 10 <sup>th</sup>	Time: 80 minutes	Total Marks:	<b>40</b>
<b>Chapter No.5</b>	<b>MJDexpert.com</b>			Obtained marks	

**Note:** Please attempt any 10 short questions from Question 2. Also, attempt both parts (a and b) of Question 3. Cutting and removal of any content is strictly prohibited.

### Objective-Section

**Q. 1 Encircle the correct answer. (10x1=10)**

- Essential process for continuation of species is:  
A) Reproduction B) Cloning C) Respiration D) Locomotion
- Method of asexual reproduction found in Amoeba is:  
A) Budding B) Binary fission C) Fragmentation D) Spore formation
- Which type of asexual reproduction is found in corals?  
A) Budding B) Fragmentation C) Binary fission D) Spore formation
- Example of Stem Tuber is:  
A) Ginger B) Garlic C) Tulips D) Potato
- The latest method of vegetative propagation:  
A) Cutting B) Grafting C) Budding D) Cloning
- Female reproductive part of the flower is:  
A) Carpels B) Sepal C) Petals D) Stamen
- Ovule after ripening makes:  
A) Fruit B) Seed C) Root D) Egg
- The example of a flower which is pollinated by insects:  
A) Grass B) Hazel C) Willow D) Rose
- Mature plant is:  
A) Embryo B) Radical C) Hypocotyl D) Epicotyl
- Pakistan's Federal Ministry of Health established NACP in:  
A) 1967 B) 1968 C) 1969 D) 1970

### Subjective-Section

**Q.2 Write short answers of any ten of the following questions: (10x2=20)**

- What is reproduction? Write the names of its two basic types.
- What is meant by Multiple Fission? Give an example.
- Differentiate between spore and endospore.
- Why do gardeners use the method of grafting?
- Differentiate between sporophyte and gametophyte generation.
- How do seedless fruits develop?
- Define pollination. Write names of its types.
- What is an immature plant (Embryo)? Write the names of its parts.
- Write two conditions necessary for seed germination.
- What is the difference between spermatogenesis and oogenesis?
- Write the names of the parts of the male reproductive system of the rabbit.
- What are the objectives of NACP?

**Q.No.3 Long Question:**

**(5+5=10)**

- Explain the Structure of a Flower.
- Write an extensive note on the structure and germination of seeds.