

**Avinashilingam Institute for Home Science and Higher Education for Women  
Coimbatore-641 043**

**Master's Degree Examination – November-2017**

**Semester-I**

**Class : I PG  
Major : BOTANY**

**Time: 3 hours  
Max. Marks: 60**

**17MB0C02  
PLANT BIODIVERSITY -I**

**(PHYCOLOGY,MYCOLOGY, BRYOPHYTES)**

**Part-A**

**10 x ½=5**

**Choose the correct answer**

1. The fusion of dissimilar gametes are called  
a. Isogamy      b. Anisogamy      c. Oogamy      d. Heterogamy
2. The granule present at the base of the algal flagellum is  
a. Axoneme      b. Blepharoplast      c. Heterokont      d. Isokont
3. The Plurilocular sporangium is found in  
a. Dictyota      b. Laminaria      c. Ectocarpus      d. Fucus
4. In Brown algae the reproductive cells are  
a. Motile      b. Non-motile      c. Coccoid      d. Amoeboid
5. The false tissue formed by aggregation of hyphae are known as  
a. Pseudoparenchyma      b. Prosenchyma      c. Plectenchyma      d. Stomata
6. In Ascomycetes the somatic cells take part in sexual fusion is called  
a. Somatogamy      b. Spermatization      c. Karyogamy      d. Plasmogamy
7. Aspergillus is commonly called  
a. Bluemould      b. Greenmould      c. Greymould      d. Breadmould
8. The productive covering of all the types of ascocarp is  
a. Epiderm      b. Plectenchyma      c. Peridium      d. Periderm
9. The embryonic development of the bryophyte zygote takes place in the  
a. Protonema      b. Sporangium      c. Antheridium      d. Archegonium
10. Dioecious gametophyte is seen in the case of  
a. Funaria      b. Riccia      c. Marchantia      d. Anthoceros

