**Quiz on Bryophytes**

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1. Which of these make up the Bryophyta division of the Plantae Kingdom?
   a. Ferns & Mosses  
   b. Mosses & Liverworts  
   c. Mosses & Horsetails  
   d. Horsetails & Ferns

2. Bryophytes are called Amphibians of the Plant Kingdom because
   a. They require water to complete their life cycle  
   b. They require land to complete their life cycle  
   c. They require both land and water for survival  
   d. None of the above

3. Where can you find moss?
   a. In dry places and on the south side of a tree or rock  
   b. In damp places and on the north side of trees and rocks  
   c. In very cold places  
   d. None of the above

4. Liverworts are most commonly found
   a. In very cold areas  
   b. In dry areas  
   c. In damp areas  
   d. In the water  
   e. In extremely hot areas

5. You know it’s a liverwort when
   a. It tastes like liver  
   b. It has plants shaped like human livers  
   c. It smells like liver  
   d. It has hundreds of tiny leaves

6. You know it’s a moss when
   a. It has a long stem with tiny leaves  
   b. No stem, appears to be fuzzy and dangles from trees and appears to be light and thin  
   c. It has long leaf and short stem  
   d. It has both small leaf and short stem

7. How does moss reproduce?
   a. Asexually  
   b. Sexually  
   c. None of the above

8. How do liverworts reproduce?
   a. Asexually and sexually  
   b. Vegetatively and sexually  
   c. Asexually and vegetatively  
   d. None of the above

9. Which bryophyte has no air pores in the adaxial surface
   a. Marchantia  
   b. Riccia  
   c. Plagiochasma  
   d. Dumortiera  
   e. Funaria

10. Bryophytes have roots, stems and a vascular system
    a. False  
    b. True
11. At one stage of their life cycle, mosses and liverworts reproduce asexually by producing spores.
   a. True  
   b. False

12. The archegonium produces
   a. An egg cell  
   b. A spore cell  
   c. Sperm cells  
   d. A seed

13. The common characters of Liverworts & Hornworts
   a. All are leafy types  
   b. Have Rhizoids and Gametophyte is the dominant life cycle  
   c. These are homosporous  
   d. Ovules are not enclosed

14. Gamma cup and gamma is the character of
   a. Asexual reproduction  
   b. Sexual  
   c. Vegetative  
   d. Both of the above

15. Irish moss is called
   a. Pogonatum  
   b. Funaria  
   c. Polytricum  
   d. Red algae

16. Reindeer moss is called
   a. Lichen  
   b. Read algae  
   c. Brown algae  
   d. Pogonatum

17. Club moss is called
   a. Funaria  
   b. Lycopodium  
   c. Equisetum  
   d. Pogonatum

18. Stomata first occurred in which group of bryophytes
   a. Liverworts  
   b. Hornworts  
   c. Stonewort  
   d. Bladderworts

19. Hydroids and Leptoids compare with
   a. Phloem  
   b. Xylem  
   c. Xylem and phloem  
   d. None of the above

20. In Anthoceros gametophytic thallus has a symbiotic association with
   a. Nostoc  
   b. Anabaena  
   c. Gleotria  
   d. None of the above

ANSWERS:

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