**Review for Test #4:** **Answer Key**

**Pg 545**

1:A

2:B

7:C

12: Hyphae are tiny filaments that are only one cell thick, whereas a mycelium is a thick mass composed of many hyphae tangled together

15: Spores must land in a favorable environment. There must be the proper combination of temperature, moisture and food.

**575:**

1:B

5:D

6:B

9:C

24:Fruits attract and are eaten by animals that spread the seeds enclosed in the fruits. This increases the range that angiosperms can inhabit.

25: Moncots have leaves with parallel veins, dicots have leaves with branched veins.

**3:** Amoeba= pseudopods- cytoplasmic projections that caused organism to move

Paramecium= cilia- tiny hair like projections that surround the organism and move in rhythmic patterns to move.

5:Fruiting body

7: Non-vascular plants- does not contain vascular tissue

Seedless Vascular plants- contains vascular tissue but does not have seeds.

Gymnosperms- contains vascular tissue and seeds are “naked”

Angiosperms- contains vascular tissue and seeds are enclosed.

8: Ferns contain vascular tissue and is able to transport water up the plant.

9:



10:Xylem= brings water up from the roots to the leaves.

Phloem= transports solutions and nutrients throughout the plant.

12:Mosses, Liverworts, and Hornworts

13: Club Mosses, Horsetails, Ferns