

FBQ1: Other name for spermatophytes is  
Answer: \*Phanerogams\*

FBQ2: The only living genus under the group of Gingkophyta is \_\_\_\_\_  
Answer: \*Ginkgo\*

FBQ3: The only living genus under the group of Gingkophyta is \_\_\_\_\_  
Answer: \*Ginkgo\*

FBQ4: Plants with naked seeds are called  
Answer: \*Gymnosperms\*

FBQ5: The largest genus of conifers is  
Answer: \*Pines\*

FBQ6: The cluster of pine leaves are called  
Answer: \*Fascicles\*

FBQ7: The member of gymnosperm with small fan-shaped leaves is  
Answer: \*Ginkgo tree\*

FBQ8: Cycads are in the subdivision of  
Answer: \*Cycadicae\*

FBQ9: \_\_\_\_\_ are plants that have seeds encased in a protective covering  
Answer: \*Angiosperms\*

FBQ10: The appressed tissue in the seed that develops into the seed coat is called \_\_\_\_\_  
Answer: \*Integument\*

FBQ11: Microspores germinate within the sporophyte tissue and become \_\_\_\_\_  
Answer: \*Pollen grain\*

FBQ12: The evolutionary trend from nonvascular plants to seedless plants to seed plants has been a reduction in the size of the \_\_\_\_\_  
Answer: \*Gametophyte\*

FBQ13: The pollen grain consists of two cells called \_\_\_\_\_ and tube cells  
Answer: \*Generative\*

FBQ14: Female gametophyte function to produce \_\_\_\_\_  
Answer: \*Eggs\*

FBQ15: A process where diploid sporophyte alternate with a haploid gametophyte is called \_\_\_\_\_  
Answer: \*Alternation of generation\*

FBQ16: A flower is regarded as a modified \_\_\_\_\_

Answer: \*Stem\*

FBQ17: A modified shoot that do not grow continuously is said to be \_\_\_\_\_

Answer: \*Determinate\*

FBQ18: A way to represent the structure of a flower using specific letters, numbers and symbols is called \_\_\_\_\_

Answer: \*Floral formula\*

FBQ19: Other name for regular flower is \_\_\_\_\_

Answer: \*Actinomorphic\*

FBQ20: Where unisexual male and female flowers appear on the same plant, the plant is said to be \_\_\_\_\_

Answer: \*Monoecious\*

FBQ21: When floral parts are a significant part of the fruit it is called \_\_\_\_\_

Answer: \*Accessory fruit\*

FBQ22: The plant hormone that causes ripening of fruit is called \_\_\_\_\_

Answer: \*Ethylene\*

FBQ23: \_\_\_\_\_ are fruits develops from a flower with numerous simple pistils

Answer: \*Aggregate fruit\*

FBQ24: A cluster of flower is called \_\_\_\_\_

Answer: \*Inflorescence\*

FBQ25: A phenomenon in which a seedless fruit is as a result of the abortion of the embryo is called \_\_\_\_\_

Answer: \*Stenospermocarpy\*

FBQ26: \_\_\_\_\_ is the opening in the integument near the egg cell

Answer: \*Micropyle\*

FBQ27: The two polar cells in the embryo are fertilised to form \_\_\_\_\_

Answer: \*Endosperm\*

FBQ28: What is the structure that anchors and transfer nutrients to the embryo during embryo development?

Answer: \*Suspensor\*

FBQ29: Above ground horizontal stems are called \_\_\_\_\_

Answer: \*Stolons\*

FBQ30: Underground horizontal stems are called \_\_\_\_\_

Answer: \*Rhizomes\*

FBQ31: Plants containing DNA from different species are called \_\_\_\_\_

Answer: \*Transgenic plants\*

FBQ32: Flower parts are modified leaves attached to a stem tip called the \_\_\_\_\_

Answer: \*Receptacle\*

FBQ33: Other name for plant morphology is \_\_\_\_\_

Answer: \*Phytomorphology\*

FBQ34: The cell in the plants that annually generate new cells is called \_\_\_\_\_

Answer: \*Meristems\*

FBQ35: \_\_\_\_\_ is a reduced stem with a sharp point and rounded shape

Answer: \*Thorns\*

Multiple Choice Questions (MCQs) BIO: 210 SEED PLANTS:

MCQ1: Gnetum, Welwtschia and Ephedra belong to which group of spermatophytes?

Answer: Cycadopsida

MCQ2: The living spermatophytes form how many groups?

Answer: 3

MCQ3: The resin from conifers has historically been used for the following except

Answer: Sealing pitch

MCQ4: The resin from conifers has historically been used for the following except

Answer: Sealing pitch

MCQ5: The resin from conifers has historically been used for the following except

Answer: Sealing pitch

MCQ6: Arrowroot starch was once purified from

Answer: Ginkgo species

MCQ7: The oldest known seed plant is

Answer: Ginkgo biloba

MCQ8: Which of the following statements is not true about phloem?

Answer: It is the living tissue in the vascular plant that carries organic nutrients

MCQ9: The Voltziales first showed up in

Answer: Early Carboniferous age

MCQ10: By the end of the Devonian, early seed plants collectively known as \_\_\_\_\_ appeared

Answer: Lyginopterids

MCQ11: The first fossil of vascular plants are more than \_\_\_\_\_ million years old

Answer: 310

MCQ12: The first seeds appeared as long as \_\_\_\_\_ million years ago

Answer: 300

MCQ13: The fossil of world's earliest known flower was discovered in \_\_\_\_\_

Answer: 1926

MCQ14: . The monocot and dicot separated into two evolutionary lineages less than - \_\_\_\_\_ millions ago

Answer: 120

MCQ 15: Seed ferns are said to be prominent in the \_\_\_\_\_ period

Answer: Mesozoic

MCQ16: The following insects played prominent roles in evolution of seed plants except

Answer: Beetles

MCQ17: All of the following are the reasons why angiosperms are more successful than gymnosperms except

Answer: Angiosperms have more efficient vascular system

MCQ18: Which of the following is not part of the structure of Pinus ovule?

Answer: Megasporeocyte

MCQ19: In Pinus ovule, the megasporeocyte contains how many megaspores?

Answer: 2

MCQ20: Angiosperms are said to evolved from gymnosperm during

Answer: Cenozoic era

MCQ21: The Angiosperm became spread during the period of

Answer: Mesozoic

MCQ22: Which of the following is not true about monocotyledonous plants?

Answer: They are herbaceous

MCQ23: A typical flower is a \_\_\_\_\_ in that it contains both organs

Answer: Bisporangiate

MCQ24: If a flower is either male or female, such flower is regarded as been -----

Answer: Perfect

MCQ25: Bast fibre is also known as

Answer: Xylem

MCQ26: Other name for receptacle is

Answer: Torus

MCQ27: Flowers pollinated by wind are said to be

Answer: Anemophilous

MCQ28: The wall of the fruit that develops from the ovary wall of the flower is called  
Answer: Exocarp

MCQ29: Which of these fruits is not a simple dry fruit?  
Answer: Capsule

MCQ30: Which of these fruits is not developed from a cluster of flower?  
Answer: Pineapple

MCQ31: Fruits are used in the manufacture of the following products except -----  
Answer: Margerene

MCQ32: How many pollen sacs are in an anther?  
Answer: 2

MCQ 33: The wall of the ovary thickens to become \_\_\_\_  
Answer: Epicarp

MCQ 34: Angiosperm can be asexually reproduced by the following methods except  
Answer: Root cutting

MCQ35: Plants with short stems that appear to have no stems are called \_\_\_\_  
Answer: Arborescent