

FBQ1: Other name for spermatophytes is

Answer: *Phanerogams*

FBQ2: The only living genus under the group of Ginkgophyta is _____

Answer: *Ginkgo*

FBQ3: The only living genus under the group of Ginkgophyta 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