

Class: 7
Subject: Science
Topic: ASK1507UT04
No. of Questions: 60

BIOLOGY

Q1. Stigma, style and ovary are the part of ____.

- (a) Anther
- (b) Stamen
- (c) Filament
- (d) Pistil

Sol. (d)
Stigma, style and ovary are the part of pistil (female reproductive part of the flower).

Q2. Some seeds are dispersed when the fruit burst with sudden jerks. This happens in the case of

- _____
- (a) Castor
 - (b) Maple
 - (c) Urena
 - (d) Madar

Sol. (a)

Q3. The flowers perform the function of ____ in plant.

- (a) Germination
- (b) Reproduction
- (c) Transpiration
- (d) Respiration

Sol. (b)

Q4. ____ has buds in the margin of leaves.

- (a) Xanthium
- (b) Urena
- (c) Bryophyllum
- (d) Madar

Sol. (c)

Bryohyllum has buds in the margin of leaves. These buds, after detachment, develop into a new plant.

- Q5. The ____ seed has wings attached to it, which help it to be carried by the wind.
- (a) Xanthium
 - (b) Coconut
 - (c) Maple
 - (d) Balsam seed

Sol. (c)
The maple seed has wings attached to it, which help it to be carried by the wind. This is one of the methods of seed dispersal.

- Q6. The scars present on potatoes are also called ____.
- (a) Nodes
 - (b) Buds
 - (c) Eyes
 - (d) Axil

Sol. (c)
The scars present on potatoes are also called eyes and are used for propagation.

- Q7. The female gamete or the egg is formed in a (n) ____.
- (a) Ovule
 - (b) Style
 - (c) Ovary
 - (d) Stigma

Sol. (a)

- Q8. In flower, the female reproductive part is ____.
- (a) Anther
 - (b) Pistil
 - (c) Filament
 - (d) Stamen

Sol. (b)

Q9. The transfer of pollen from the anther to the stigma of the same flower is called ____.

- (a) Self – pollination
- (b) Fertilization
- (c) Cross – pollination
- (d) Germination

Sol. (a)

Q10. ____ are the reproductive parts of plant.

- (a) Leaves
- (b) Flowers
- (c) Stem
- (d) Branches

Sol. (b)

Flowers are the reproductive parts of plants, and they perform and function of reproduction in plants.

Q11. The propagation of a rose plant through a stem is known as ____.

- (a) Budding
- (b) Pistil
- (c) Cutting
- (d) Fragment

Sol. (c)

When a branch of a rose plant is cut with a node, that piece of the branch is known as cutting.

Q12. In nature, the same kinds of plants grow at different places. This happens because of ____.

- (a) Transpiration
- (b) Conduction
- (c) Seed dispersal
- (d) Plantation

Sol. (c)

Q13. Vegetative propagation in sugarcane is through ____.

- (a) Left cutting
- (b) Bud cutting
- (c) Stem cutting
- (d) Root cutting

Sol. (c)

Q14. Jasmine plants can be propagated by ____.

- (a) Layering
- (b) Fragmentation
- (c) Budding
- (d) Binary fission

Sol. (a)

Q15. Which of the following is propagated by tuber?

- (a) Onion
- (b) Potato
- (c) Lily
- (d) Garlic

Sol. (c)

Q16. Which of the following statements is incorrect about asexual reproduction?

- (a) It is a quick method for multiplication
- (b) It does not introduce variability
- (c) New individuals are formed from a single parent.
- (d) It introduces variability

Sol. (d)

Q17. In ____ a plant produces a new plant without the help of another plant.

- (a) Sexual reproduction
- (b) Asexual reproduction
- (c) Pollination
- (d) Fertilization

Sol. (b)

Q18. In sexual reproduction, new plants are obtained from ____.

- (a) Leaves
- (b) Seeds
- (c) Branches
- (d) Stems

Sol. (b)

Q19. After the maturation of the _____, they burst and release pollen grains.

- (a) Stigma
- (b) Ovary
- (c) Stamen
- (d) Anther

Sol. (d)

Q20. In some plants, like grasses, pines and maize, pollination is brought about by _____.

- (a) An animal
- (b) The wind
- (c) Fruit bursting
- (d) The air

Sol. (b)

CHEMISTRY

Q21. World water day is celebrated on _____.

- (a) 1st March
- (b) 22nd March
- (c) 15th August
- (d) 6th December

Sol. (b)

Q22. The United Nations has recommended the use of _____ litres of water per person per day

- (a) 10
- (b) 100
- (c) 50
- (d) 25

Sol. (c)

Q23. _____ of the earth's surface is covered with water.

- (a) 25%
- (b) 60%
- (c) 71%
- (d) 30%

Sol. (c)

Q24. Which year was observed as the International year of fresh water?

- (a) 2008
- (b) 2006
- (c) 2003
- (d) 2005

Sol. (c)

Q25. We use only ___ of the total water available on the earth.

- (a) 0.10%
- (b) 0.025%
- (c) 0.0125%
- (d) 0.006%

Sol. (d)

Q26. In the polar region, water is present in the form of ___.

- (a) Steam
- (b) Snow
- (c) Water vapour
- (d) Dew

Sol. (b)

Q27. Mismanagement of water resources causes ___

- (a) Environment pollution
- (b) Shortage of water
- (c) Floods
- (d) Droughts

Sol. (b)

Q28. The technique of watering plants by making use of narrow tubes which deliver water directly at the base of the plant is called:

- (a) Sprinkler system
- (b) Drip irrigation
- (c) Bawri
- (d) Roof top harvesting

Sol. (b)

The technique of watering plants by making use of narrow tubes which deliver water directly at the base of the plant is called drip irrigation.

- Q29. Which process helps in raising the ground water?
- (a) Baolis
 - (b) Rain water harvesting
 - (c) Drip irrigation
 - (d) Deforestation

Sol. (b)
Rain water harvesting helps in raising the groundwater.

- Q30. Which place in India experience flood almost every year?
- (a) South East
 - (b) North East
 - (c) North West
 - (d) South West

Sol. (b)
Some places such as North East India get so much of rain that there are floods almost every year.

- Q31. Excessive rains may cause _____.
- (a) drought
 - (b) flood
 - (c) fog
 - (d) oceans

Sol. (b)
Explanation: fact

- Q32. Water disappears from wet clothes by the process of _____.
- (a) drought
 - (b) flood
 - (c) fog
 - (d) evaporation

Sol. (d)

- Q33. Activities which do not involve wastage of water are ()
- (a) Planting
 - (b) Using the taps which are Leaking
 - (c) Bathing
 - (d) All of the above

Sol. (a)
Explanation: Except planting water is wasted in other option.

- Q34. A man digging the ground near a water body found that the soil was moist. As he kept digging deeper and deeper he reached a level where all the spaces between particles of soil and gaps between rocks were filled with water. The upper limit of this layer is called
- (a) Water level.
 - (b) Water table.
 - (c) Ground water.
 - (d) Water limit.

Sol. (b)

- Q35. Which of the following are not the liquid forms of water?
- (i) Snow
 - (ii) Lake water
 - (iii) River water
 - (iv) Water vapour
 - (v) Ice
- Choose the correct combination from the options below.
- (a) (i), (iv) and (v)
 - (b) (i) and (ii)
 - (c) (ii) and (iii)
 - (d) (iv) only

Sol. (a)

- Q36. Which of the following does not show water shortage?
- (a) Taps running dry.
 - (b) Long queues for getting water.
 - (c) Marches and protests for demand of water.
 - (d) A family gets three buckets of water per person per day.

Sol. (d)

Q37. Which of the following is a way to use water economically?

- (a) Construction of *bawris*
- (b) Rainwater harvesting
- (c) Drip irrigation
- (d) Infiltration

Sol. (c)

Q38. "Every Drop Counts" is a slogan related to

- (a) Counting of drops of any liquid.
- (b) Counting of water drops.
- (c) Importance of water.
- (d) Importance of counting.

Sol. (c)

Q39. Water cycle does not involve which of the following?

- (a) Evaporation
- (b) Condensation
- (c) Formation of clouds
- (d) Rainwater harvesting

Sol. (d)

Q40. Which of the following inhibits the seepage of rainwater into ground?

- (a) A pukka floor
- (b) Playground
- (c) Grass lawn
- (d) Forest land

Sol. (a)

PHYSICS

Q41. An electric ___ terminal.

- (a) One
- (b) Two
- (c) Three
- (d) Four

Sol. (b)

An electric cell has two terminals, one positive and the other negative.

Q42. A switch has ___ positions.

- (a) Five
- (b) Three
- (c) Two
- (d) Four

Sol. (c)

A switch two positions. They are ON and OFF position.

Q43. There are ___ terminals in every cell.

- (a) Three
- (b) Two
- (c) Seven
- (d) Four

Sol. (b)

There are two terminals in every cell. They are the positive terminal and negative terminal

Q44. Electricity to the bulb in torch in provide by the ____.

- (a) Bulb base
- (b) Electric cell
- (c) Metallic tip
- (d) Metal base

Sol. (b)

Q45. (+) sign stands for a ___ terminal of the cell.

- (a) Positive
- (b) Horizontal
- (c) Vertical
- (d) Negative

Sol. (a)

Q46. Which of the following is an insulator?

- (a) Silver
- (b) Iron
- (c) Paper
- (d) Brass

Sol. (c)

Paper is an insulator as it does not allow electricity to pass through it.

Q47. Metals are ____ of electricity.

- (a) Absorber
- (b) Conductor
- (c) Insulators
- (d) Deflectors

Sol. (b)

Q48. Wood, plastic and glass are ____.

- (a) Conductors
- (b) Insulators
- (c) Deflector
- (d) Absorber

Sol. (b)

Q49. Electrical wires and parts of electrical appliances are covered with ____.

- (a) Silver
- (b) Copper
- (c) Gold
- (d) Plastic

Sol. (d)

Electrical wires and parts of electrical appliances are covered with plastic because plastic is a good insulator. It does not allow the electricity to pass through it.

Q50. Cells supply ____ amount of electricity energy.

- (a) Small
- (b) Large
- (c) Intense
- (d) Random

Sol. (a)

Q51. A thin wire inside a torch bulb is known as ____.

- (a) Metallic tip
- (b) Metal case
- (c) Filament
- (d) Torch wire

Sol. (c)

A thin wire inside a torch bulb or any electrical bulb is known as filament.

Q52. An electric dry cell has ____ on one side.

- (a) Metal disc
- (b) Metal wire
- (c) Plastic base
- (d) Filament

Sol. (a)

Q53. The path along which an electric current can flow is called a/an ____.

- (a) Wire
- (b) Electric fuse
- (c) Electric circuit
- (d) Battery

Sol. (c)

Q54. A complete path through which an electric current can flow is called ____.

- (a) Current flow
- (b) An electric circuit
- (c) Switch
- (d) Electric bulb

Sol. (b)

Q55. A ____ can start stop the flow of current when required in an electric circuit.

- (a) Wire
- (b) Switch
- (c) Fuse
- (d) Metal cap

Sol. (b)

Q56. Which of the following is a good conductor?

- (a) A plastic doll
- (b) Wooden stick
- (c) A silver spoon
- (d) A glass vase

Sol. (c)

A silver spoon is a good conductor as it allows the electric current to pass through it.

Q57. Plastic, wood and bakelite are some good ____ of electricity.

- (a) Absorbers
- (b) Conductors
- (c) Insulators
- (d) Reflectors

Sol. (c)

Q58. Materials, which do not allow electricity to pass through them easily, are called ____ of electricity.

- (a) Deflectors
- (b) Insulators
- (c) Conductors
- (d) Absorbers

Sol. (b)

Q59. ____ allow electric current to pass through them.

- (a) Absorbers
- (b) Insulators
- (c) Conductors
- (d) Deflectors

Sol. (c)

Q60. Bakelite is an example of ____.

- (a) Deflector
- (b) Conductor
- (c) Insulator
- (d) Absorber

Sol. (c)

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