

Class: 6
Subject: Science
Topic: OASK1506SA01
No. of Questions: 17

Time: 3 Hrs.

M.M. 90

- Q1. Which of the following is the living component of the environment? (1 × 12 = 12)
- (a) Light
 - (b) Air
 - (c) Water
 - (d) Bacteria
- Q2. Which of the following is not hydrophyte?
- (a) Lotus
 - (b) Water lily
 - (c) Lily
 - (d) Hydrilla
- Q3. Which coloured dustbin is used for storing biodegradable wastes?
- (a) Blue
 - (b) Black
 - (c) White
 - (d) Green
- Q4. A non-luminous sources of light
- (a) Burning candle
 - (b) Sun
 - (c) Stars
 - (d) Planets
- Q5. Dissolving Salt in water is a
- (a) Chemical change
 - (b) Physical change
 - (c) Irreversible change
 - (d) All of these

- Q6. How many terminals an electric cell has?
- (a) One
 - (b) Two
 - (c) Three
 - (d) Four
- Q7. The bulb in the circuit glows when electric current
- (a) Flows through the glass covering of bulb
 - (b) Flows through the filament of bulb
 - (c) Stops flowing through the bulb
 - (d) Flows through the air around the bulb
- Q8. Taste of sea water is
- (a) Sweet
 - (b) Sour
 - (c) Salty
 - (d) Tasteless
- Q9. Frozen dew is
- (a) Hail
 - (b) Snow
 - (c) Rain
 - (d) Frost
- Q10. Sweet potato is a modified
- (a) Stem
 - (b) Root
 - (c) Leaf
 - (d) Flower
- Q11. Which of the following is not a mixture?
- (a) Pickle
 - (b) Air
 - (c) Gold
 - (d) Jam

- Q12. A synthetic fibre
- (a) Cotton
 - (b) Wool
 - (c) Nylon
 - (d) Jute
- Q13. Give one word/ name/ example for the following: (1 × 12 = 12)
- (a) The gas used by plants in photosynthesis.
 - (b) The liquid waste is called
 - (c) An image that turns upside down
 - (d) The changes which can be reversed.
 - (e) A device used by an electrician to determine the presence of current in a circuit.
 - (f) A plant that grows with the help of a support.
 - (g) A plant having leaves modified to spines
 - (h) The process to separate tea leaves from tea
 - (i) The process of making cloth from yarn.
 - (j) A substance that can be recycled.
 - (k) A process used for separating stone pieces from rice.
 - (l) A condition that occurs due to lack of rainfall.
- Q14. Give the following (2×6 = 12)
- (a) We prefer wearing cotton clothes during summers.
 - (b) The visibility increases after rainfall.
 - (c) The cooking of food is an irreversible change
 - (d) The plants are called an purifiers
 - (e) The mountain goats have small hooves.
 - (f) A fused bulb cannot glow.
- Q15. Answer the following questions: (2×6 = 12)
- (a) Differentiate between hydrophytes and mesophytes.
 - (b) What is a pinhole camera? What kind of image of formed by it?
 - (c) What is chemical reaction? Explain with an example.
 - (d) Bursting of cracker involves two types of changes. Name them
 - (e) Write any two application of electric energy.
 - (f) Plants play an important role in water cycle. Explain.

Q16. Answer the following question:

(3 × 9 = 27)

- (a) What does the following figure represent? Name and define it
(b) Name
(i) A plant providing fibre
(ii) An animal providing fibre
(iii) A manmade fibre
(c) Give two ways to prevent it.



- (d) Describe the principle of centrifugation. Write an example of a substance that can be separated using this method.
(e) Draw diagram of a flower and label its any two parts.
(f) Draw a circuit diagram using a battery of two cells, open switch and a bulb. Will the bulb glow in the circuit? Explain your answer.
(g) How does a blacksmith change piece of iron into different tools?
(h) How is the shadow formed affected if
(i) Sources of light is moved away from object?
(ii) Screen is moved towards the object?
(iii) Coloured light is used instead of white light
(i) Write any three methods to reduce the production of garbage.
(j) Write the habitat of organism shown below. Write any two adaptations of this organism which enable it to survive in its habitat.



Q17. Answer the following question

(3×5 = 15)

(a)

- (i) Write the process of formation of clouds.
- (ii) What is water table?

(b)

- (i) What is a shadow? Explain the formation of a naturally occurring shadow with the help of a diagram.
- (ii) State one way of making a non – luminous object to emit light

(c)

- (i) Write any 5 uses of water.