

CBSE Sample Paper Class 7 Science SA2 Set 3

Time - 2 ½ hours

Max. Marks – 60

All questions are compulsory.

Q. no. 1 – 8 are 01 mark each.

Q. no. 9 – 14 are 02 mark each.

Q. no. 15- 19 are 03 marks each.

Q. no. 20 – 21 are 05 mark each.

Q. no. 22 – 23 based on OTBA.

Q. no. 24 – 28 are multiple choice question 01 mark each.

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1. Write the chemical name of baking soda.
 2. Which horizon of soil profile contains humus?
 3. Name the respiratory organ of earthworm and cockroach.
 4. What are the constituents of urine?
 5. Write the name of any one device which is based on heating effect of electric current?
 6. Which type of mirror can form real image?
 7. Write the full form of WWTP.
 8. Define pollination.
 9. Why rusting of iron objects are faster in coastal areas than in deserts?
 10. Write any two differences between Clayey and loamy soil.
 11. Why do often sneeze when we inhale a lot of dust laden air.
 12. Write the name of tissue involved in transportation of substances in plant.
 13. Define food chain? Give one example.
 14. Write the name of any two water borne disease.
 15. Classify the following as physical change and chemical change.
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 - a) Preparation of food by green plant.
 - b) Ice to water
 - c) Explosion of crackers
 - d) Cutting of paper
 - e) Burning of candle
 - f) Melting of way
 16. Define soil erosion. How it is prevented

17. Match the item in column 1 with those in column II.

Column – I

Column – II

a) Yeast

i) Lactic acid

b) Diaphragm

ii) Gills

c) Muscle cramps

iii) Alcohol

d) Leaves

iv) Chest cavity

e) Fish

v) Lung & skin

f) Frog

vi) Stomata

18. What is virtual image? Write any two differences between real image and virtual image.

19. Explain the role of forest in maintaining the balance between oxygen and carbon dioxide in atmosphere.

20. a) Describe different methods of asexual reproduction.

b) Sketch the reproductive part of flower

21. a) What is an electric fuse?

b) Expand the term – MCB and CFL,

c) On which principle does electric bell work?

22. Name the low cost sewage disposal system and where it is Encouraged.

23. What do you mean by vermi processing Toilet? How it is beneficial for us?

24. Which one of the following always carries oxygenated blood-

a) Arteries except pulmonary artery.

b) Veins except pulmonary vein.

c) Artery and Veins.

25. A resting person has pulse rate between

a) 52-60 beats/min.

b) 62 -70 Beats/min.

c) 72 – 80

d) 82-90 Beats/min.

26. Image formed by plane mirror is

a) Real and erect

b) Virtual & erect

c) Real and inverted

d) Virtual and inverted

27. Which of the following is a quality of waste water –

a) Bad Smell

b) Bad taste

c) Dirty look

d) All of these

28. White light is composed of

a) Three Colours

b) Four Colours

c) Seven colours

d) Five Colours.