

GURU HARKRISHAN PUBLIC SCHOOL
SUMMATIVE ASSESSMENT – I (2014-2015)

Name ⇒ Manil
Class ⇒ VIIIth B
Roll No ⇒ 26

SUB: SCIENCE
CLASS: VIII

MM: 90
TIME: 3 Hrs

General Instructions:

1. The question paper comprises of two sections A & B. Both are compulsory.
2. Question Number 01 to 05 carry one mark each.
3. Question Number 06 to 15 carry two marks each.
4. Question Number 16 to 25 carry three marks each.
5. Question Number 26 to 29 carry five marks each. (Internal choice has been provided in the five marks category.)
6. Question Number 30 to 44 are multiple choice questions. Each question is of one mark.

SECTION A

1. Name the raw material that is used for preparing all synthetic fibers.
2. Give two examples of thermoplastics.
3. Define Drag.
4. What is 'Ignition Temperature'?
5. Name two harvesting festivals celebrated in India.
6. Differentiate between Rabi & Kharif crops.
7. Why is circular blackish ring formed on the glass plate introduced into the minus Zone of candle flame?
8. Which zone of a flame does a goldsmith use for melting gold and why?
9. Why is aluminum foil used to wrap food items?
10. Why is sodium metal stored in kerosene?
11. Why is manure considered better than fertiliser?
12. What are weeds? How can we control them?.
13. What will happen if you store lemon pickle in an aluminum utensil? Explain.
14. Give two examples in which friction is useful.

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15. You spill a bucket of soapy water on a marble floor accidentally. Would it make it easier or more difficult to walk on that floor? Why?
16. What is 'global warming'? How is it caused?
Write the usefulness of microorganisms in our lives. (Give three examples)
17. What is potable water? List two ways by which we can make water potable.
18. At an individual level, how can you reduce air pollution? (Give three points)
19. Define 'force'. State the two effects of a force.
20. Name the three types of combustion. (Give one example for each)
21. Write an activity to prove that sound can travel through solids.
22. Differentiate between biodegradable and non-biodegradable materials. (Give one example each)
23. Explain why sliding friction is less than static friction.
24. Identify the part which vibrates to produce sound in the following instruments:
a) Dholak b) Sitar c) Flute
25. (a) How do lubricants help in reducing friction?
(b) Give reasons why objects moving in fluids have special shapes?
26. Write an activity along with the help of a diagram to show that sound can travel through water.

OR

What is noise pollution? List two sources of it in your surroundings.
Write two harmful effects of noise pollution to human beings.

27. What are antibodies? Name two commonly known antibodies. Write two precautions to be observed while taking antibodies.

28. Explain the circumstances leading to acid rain. How does acid rain affect us?

29. With the help of a diagram, write an activity to prove that 'Liquids exert equal pressure at the same depth.'

OR

With the help of a diagram, write an activity to show that 'Pressure exerted by water at the bottom of the container depends on the height of its column.'

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SECTION B (Multiple Choice Questions)

30. The cutting of a crop after it is mature is called: -
a) Harvesting
b) Winnowing
c) Threshing
d) Tilling
31. Calorific value of LPG in KJ/KG is:
a) 50,000
b) 45,000
c) 1, 50,000
d) 55,000
32. Water in the rivers flow downward due to :
a) Muscular Force
b) Magnetic Force
c) Electrostatic Force
d) Force of Gravity
33. Which of the following can be beaten into sheets: -
a) Phosphorous
b) Sulphur
c) Oxygen
d) Silver
34. Combustion cannot take place in the absence of: -
a) Oxygen
b) Carbon Dioxide
c) Nitrogen
d) Water Vapour
35. Which of the following is responsible for ozone depletion:
a) LPG
b) CFC
c) CNG
d) All of these
36. Cholera is caused by :
a) Protozoa
b) Insect bite
c) Bacteria
d) Viruses
37. If two forces act in the opposite directions on an object, the net force acting on it is: -
a) Sum of the forces
b) Difference between the forces
c) Multiple of the forces
d) None of the above

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38. Which of the following is the least: -
a) Static Friction
b) Sliding Friction
c) Rolling Friction
d) Composite Friction
39. Which of the following is not a lubricant: -
a) Oil
b) Grease
c) Graphite
d) Water
40. Sound can travel through: -
a) Gases Only
b) Liquids Only
c) Solids Only
d) Solids, Liquids and Gases
41. Voice of which of the following is likely to have minimum frequency: -
a) Baby Girl
b) Baby Boy
c) A woman
d) A man
42. Which of the following is not a green house gas: -
a) Carbon Dioxide
b) Sulphur Dioxide
c) Methane
d) Nitrous Oxide
43. Air is a mixture of gases. By volume about 78% of this mixture is: -
a) Nitrogen
b) Oxygen
c) Hydrogen
d) Carbon Dioxide
44. The most common carrier of communicable diseases is: -
a) Ant
b) House Fly
c) Dragon Fly
d) Spider

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