



ST. MARGARET SR. SEC. SCHOOL
MID TERM EXAMINATION 2023-24
SAMPLE PAPER SUB: SCIENCE
CLASS: IV

Time: 1½ Hr

M.M: 40

Q1. Choose the correct option.

1X8=8

- A. Always cross the road at _____ .
a. Footpath b. roadside c. zebra crossing
- B. The first help given to an injured person is _____
a. First aid box b. first aid c. sudden aid
- C. A matter which can flow is/are:
a. gas b. liquid c. both a and b
- D. When solute dissolves in solvent, _____ is formed.
a. mixture b. solution c. none of these
- E. The third stage in the life cycle of a frog is____-
a. Larva b. egg c. tadpole
- F. An egg laying animal.
a. Birds b. snake c. both a and b
- G. Muscular energy changes into heat energy.
a. cycling b. rubbing hands c. sleeping
- H. _____ is an example of an inclined plane.
a. Knife b. screw c. ramp

Q2. Read the passage and answer the following questions.

4m

Prajakta likes to ride a bicycle. She loves to ride it on a ramp. But she gets scared to ride it on a slippery road.

- a. Which energy Prajakta uses while riding the bicycle? 1
b. On which type of road does she get scared to ride the bicycle and why? 2
c. Where does she like to ride her bicycle? 1

Q3. Meena's mother tells her not to play with match sticks. Give reason. 1

Q4. Give an example of liquid-liquid solution. 1

Q5. Define incubation. 1

Q6. Write a flow chart to show the stages of a life cycle of a fish. 1

Q7. Define frictional force. 1

Q8. Solar energy is a very good source of energy. Why? 1

Q9. Give one use of each of the following. 2

- a. Hydro energy----- _____
b. Wind energy----- _____

- Q10. Write any two safety rules to be followed in the school. 2
- Q11. Define solution. Give one example of a liquid-liquid solution. 2
- Q12. What first aid should be given in case of insect bite? 2
- Q13. Give an example of each of the mammals and reptiles 2
- Q14. Explain the parts of an egg in one line of each part. 3
- Q15. Define force. Name any two kinds of forces. 3
- Q16. Write three ways by which simple machines are helpful for us. 3
- Q17. Draw a well labelled diagram showing life cycle of a cockroach. 3