SYNERGY SCHOLARS OLYMPIAD (SSO)

GRADE IV – EVS / GENERAL SCIENCE

SYLLABUS FRAME WORK SAMPLE QUESTIONS

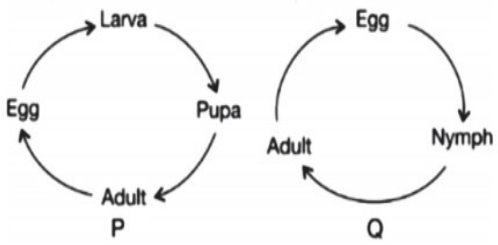
SSO GRADE IV THEME ***OBSERVE • APPLY • REASON • CHALLENGE***

50-MARK PAPER STRUCTURE

Section	Component	Marks
1	General Science	12
2	Observational & Applied Science	10
3	Logical & Pictorial Reasoning	10
4	Basics of Science & Day-to-Day Science	10
5	Synergy Challenge	8
	TOTAL	**50**

SAMPLE QUESTIONS

1. Study the two life cycles P and Q, and select the option that correctly identifies the organism which shows these cycles respectively.

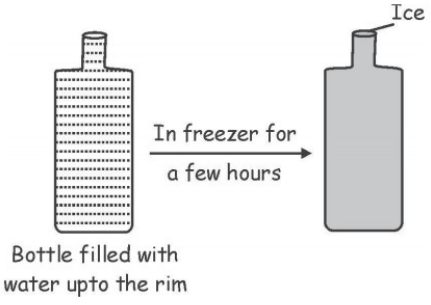


A. P-Mosquito Q-Butterfly
B. P-Lizard Q-Frog
C. P-Housefly Q-Cockroach
D. P-Grasshopper Q-Dragonfly

2. Ajay filled a bottle up to the rim with water, and placed it in the freezer.

What he saw after a few hours is shown in the figure given here. what does it show?

A. Freezing decreases mass of water.
B. Freezing compresses water.
C. Freezing increases volume of water.
D . Freezing increases mass of water



3. Riya notices that a wet school uniform dries faster when it is spread out in the sunlight. Why?

A. Sunlight and moving air help the water evaporate
B. The cloth makes more water
C. The uniform becomes heavier
D. Sunlight turns water into ice

4. Why do we usually wear light- coloured cotton clothes during a hot summer day?

A. Cotton helps absorb sweat and light colours absorb less heat
B. Cotton makes the body hotter
C. Light colours produce rain
D. Cotton makes us heavier

5. A plant kept near a sunny window is growing well. Another similar plant is kept in a dark cupboard and becomes weak after several days. What is the best conclusion?

A. Plants do not need water
B. Plants grow better without light
C. Plants need sunlight for healthy growth
D. Plants need a dark cupboard

6. Arun puts an ice cube on a plate. After some time, the ice becomes water. He then leaves the plate in a warm place, and later the water disappears. Which statement best explains what happened?

A. Ice melted into water, and the water evaporated
B. Water changed directly into ice
C. The plate drank the water
D. The ice disappeared without changing

1- C	**2- C**	**3- A**	**4 - A**	**5-C**	**6- A**