SYNERGY SCHOLARS OLYMPIAD (SSO)

GRADE V – EVS / GENERAL SCIENCE

THEME For Grade V – KNOW • OBSERVE • APPLY • REASON • CHALLENGE

SYLLABUS FRAME WORK

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. Which of the following shows the correct path of blood flow in humans?

A. Heart → Lungs → Body → Lungs → Heart B. Heart → Lungs → Body → Lungs → Body

C. Lungs → Heart → Body → Lungs → Heart D. Lungs → Heart → Body → Heart → Lungs

2. The process by which plants give rise to new plants without seeds is called _____ ?

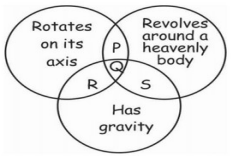
A. Sexual reproduction B. Asexual reproduction

C. Vegetative propagation D. Budding

3. Study the given Venn diagram and select the position where Moon can be placed in this diagram.

A. P B. Q

C. R D. S



4. Cactus plants growing in desert regions have leaves modified into sharp spines. What primary advantage does this adaptation provide?

A. Increases the rate of photosynthesis B. Attracts insects for pollination

C. Helps the plant absorb atmospheric oxygen D. Reduces water loss through transpiration

5. The conversion of solid into gas without changing into liquid is known as _____.

A. Heating B. Evaporation C. Melting D. Sublimation

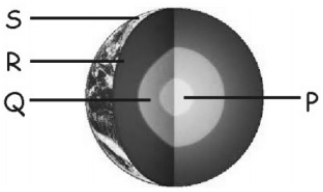
6. Refer to the given figure and select the correct option regarding it.

A. P is the molten part made up of nickel and iron.

B. R is the hottest part of the Earth which is solid.

C. Q is connected to surface with the help of volcanoes.

D. Minerals and oil deposits and found in the part S.



1- D	2- C	3- B	4- D	5- D	6- D