

**INDIAN SCHOOL SOHAR**  
**FORMATIVE ASSESSMENT-IV**  
**SCIENCE**

**SET-1**

**CLASS-VII**  
**03 .02.16**

**TIME :- 40 MIN**  
**MM : 20**

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**GENERAL INSTRUCTIONS :-**

1. Questions 1 to 5 are multiple choice questions - 1 mark each.
2. Questions 6 to 9 are very short answer type questions - 1 mark each.
3. Questions 10 to 13 are short answer type questions - 2 marks each.
4. Question 14 is a short answer type question - 3 marks.

**Q. Choose the most appropriate answer.**

1. Ginger is also called  
a) bulb                      b) rhizome                      c) tuber                      d) corm
2. Which of the following is not an ancient time measuring device ?  
a) quartz clock      b) water clock      c) sand clock      d) sun dial
3. Seeds of Xanthium are dispersed by  
a) explosion      b) air                      c) water                      d) animals
4. A method of propagating plants under sterile conditions.  
a) cutting                      b) tissue culture      c) layering                      d) sexual reproduction

P.T.O

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**INDIAN SCHOOL SOHAR**  
**FORMATIVE ASSESSMENT-IV**  
**SCIENCE**

**SET-2**

**CLASS-VII**  
**03.02.16**

**TIME :- 40 MIN**  
**MM : 20**

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**GENERAL INSTRUCTIONS :-**

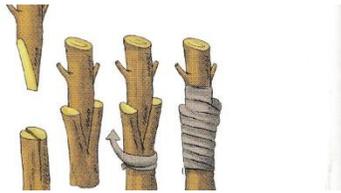
1. Questions 1 to 5 are multiple choice questions - 1 mark each.
2. Questions 6 to 9 are very short answer type questions - 1 mark each.
3. Questions 10 to 13 are short answer type questions - 2 marks each.
4. Question 14 is a short answer type question - 3 marks.

**Q. Choose the most appropriate answer.**

1. Onion is also called  
a) bulb                      b) rhizome                      c) tuber                      d) corm
2. Which of the following is not an ancient time measuring device ?  
a) quartz clock      b) water clock      c) sand clock      d) sun dial
3. Seeds of Dandelion are dispersed by  
a) explosion      b) air                      c) water                      d) animals
4. A method of propagating plants under sterile conditions.  
a) cutting                      b) tissue culture      c) layering                      d) sexual reproduction

P.T.O

5. What is the time-period of a simple pendulum which takes 32 s to complete 20 oscillations ?  
 a) 60 s                      b) 640 s                      c) 0.6 s                      d) 1.6 s
6. Name the mode of asexual reproduction in-  
 a) Spirogyra                      b) Fern
7. Convert 720 Km/hr into m/s.
8. Will fertilization take place if pollen of rose gets deposited on the stigma of lily flower? Why?
9. What is the use of an odometer?
10. Differentiate between unisexual and bisexual flowers.
11. The Shatabdi Express takes 6 hrs to travel from New Delhi to Kanpur, at a speed of 80 Km/hr. Find the distance from New Delhi to Kanpur.
12. How is zygote formed in sexual reproduction? Which parts of the flower forms fruit and seed?
13. Show the shape of distance-time graph for the motion in the following cases-  
 a) A car moving with a constant speed.      b) A car parked on a road side.
14. a) Identify the practice shown in the given picture. Also label 1 & 2.  
 b) How is this practice done? State its advantage.



5. What is the time-period of a simple pendulum which takes 40 s to complete 20 oscillations ?  
 a) 60 s                      b) 800 s                      c) 0.5 s                      d) 2.0 s
6. Name the mode of asexual reproduction in-  
 a) Yeast                      b) Bread mould
7. Convert 200 m/s into Km/hr.
8. Will fertilization take place if pollen of rose gets deposited on the stigma of lily flower? Why?
9. What is the use of an odometer?
10. Differentiate between self pollination & cross pollination.
11. An aeroplane takes 7 hrs to travel from New Delhi to London. If the plane travels at a uniform speed of 950 Km/hr, find the distance between New Delhi & London.
12. How is zygote formed in sexual reproduction? Which part of the flower forms fruit and seed?
13. Show the shape of distance-time graph for the motion in following cases-  
 a) A car parked on a road side.      b) A car moving with a constant speed.
14. a) Identify the mode of asexual reproduction shown in the given picture.



- b) Define & state its 2 advantages.
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