



INDIAN SCHOOL MUSCAT
FIRST SUMMATIVE ASSESSMENT (2016-17)

STD: VI _____
DATE: 22 /09/16

SCIENCE_

MAX MARKS: 60
TIME: 2 HRS

Name: _____ Roll No: _____ Signature of Invigilator: _____

SECTION – A (MARKS 20)

SECTION A should be answered in the question paper itself and attach it to the main answer sheet.

Q1	<u>FILL IN THE BLANKS</u>	(5X1=5 Marks)
(1)	_____ is a property of metals which makes it suitable for making jewellery	
(2)	The state of matter which contracts the least is _____.	
(3)	A narrow stalk like structure that connects the leaf to the stem is called _____.	
(4)	Water that is suitable for drinking is called _____.	
(5)	Addition of harmful substances to the environment in large quantities is called _____.	
Q2	<u>Choose the correct answer:</u>	(5X1=5 Marks)
(1)	Which among the following is transparent? a) Air b) cloud c) Mercury d) Mirror	
(2)	_____ is a physical change. a) Burning of wood b) Breaking of a glass c) Ripening of a fruit d) Cooking of food	
(3)	_____ can be used for making a temporary magnet a) Glass b) Iron c) Steel d) Alnico	
(4)	_____ of light helps us to see things around us a) Diffusion b) Refraction c) Reflection d) Diffraction	
(5)	Dolphin breathes through _____. a) Gills b) spiracles c) Lungs d) Moist skin	

Q3.	<u>Say True or False :-</u>	(5x1=5 Marks)
(1)	When cooled the particles of matter come closer.	
(2)	If we break a bar magnet, we would get two bar magnets each with a single pole.	
(3)	Green stems can carry out photosynthesis.	
(4)	Hydrilla breathes through its body surface.	
(5)	Flood can lead to famine.	
Q4.	<u>Name the following:-</u>	(5x1=5 Marks)
1)	Lack of rain in a region for a long period .	
2)	A group of light rays.	
3)	The part of a magnet where the magnetic force is strongest.	
4)	The flat green portion of a leaf.	
5)	Materials that allow light to pass through.	



INDIAN SCHOOL MUSCAT
FIRST SUMMATIVE ASSESSMENT – SCIENCE

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SECTION – B (MARKS: 40)

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NOTE: Questions Q5 to Q13 carry one mark each.
Questions Q14 to Q 22 carry two marks each.
Questions Q23 to Q25 carry three marks each.
Question Q26 carries four marks.

SECTION B should be answered in a separate answer sheet.

Q5. Name any *two* liquids which are miscible with water.

Q6. Name a liquid used in thermometers.

Q7. Differentiate between a solid and a gas based on its compressibility.

Q8. It is advised to keep the magnets away from television sets and mobile phones. Why?

Q9. Identify the instrument shown in the picture.

What is it used for?



Q10. Why is shadow formed when an opaque object comes in the path of light?

Q11. Which property of light is responsible for the image formation in a pinhole camera?

Q12. Some aquatic animals like dolphins and whales come to the surface of water regularly. Why?

Q13. Name any TWO organisms which can breathe through their skin.

Q14. Why is the solubility of the following gases in water important for the aquatic life?

a) Oxygen

b) Carbon dioxide

Q15. Identify the physical change and the chemical change occurring while a candle is burning.

Q16. (a) A glass tumbler falls from your hands and it breaks. What type of a change is this?

(b) How is the above change different from the expansion of metals?

Q17. (a) Label the parts marked A and B

(b) Write the function of C.



Q18. (a) Write any two ways in which a bar magnet loses its magnetism.

(b) What is the correct way of storing bar magnets?

Q19. Write any two differences between an image formed on a plane mirror and a shadow.

Q20. (a) Name the two physical processes involved in the cloud formation.

(b) How do the trees help in the process of cloud formation?

Q21. (a) What is water cycle?

(b) Write any one way to conserve water.

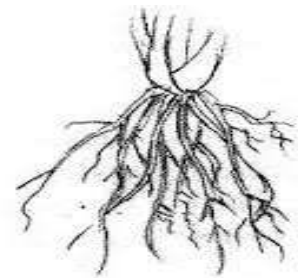
Q22. (a) How is the balance of oxygen and carbon dioxide maintained in air?

(b) Give any one way by which we can reduce air pollution.

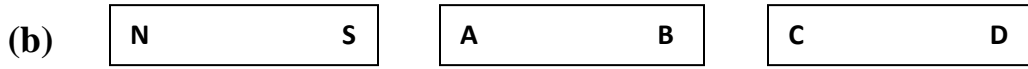
Q23. (a) Define venation.

(b) Identify the type of venation in the plant having root system shown in the adjacent figure.

(c) What are prop roots? Write its function.

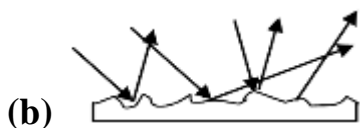


Q24. (a) A bar magnet has no markings to indicate its poles. How would you find its north pole without using another magnet?

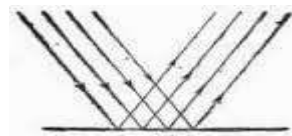


In the diagram given above, identify the poles marked **A** and **D** if there is repulsion between **S** and **A** and attraction between **B** and **C**.

Q25. (a) What happens to the size of the image when the distance between the object and the pinhole in a pinhole camera is increased?



A



B

(i) Identify the type of reflections shown in the figures **A** and **B**.

(ii) Which one of these reflections will help us in obtaining an image in a plane mirror?

Q26.

- Label the parts marked **A** and **B**.
- Name the male reproductive part of the flower.
- What is the function of the part marked **C**
- Which part of the flower develops into Fruit?

