



**INDIAN SCHOOL MUSCAT
SECOND SUMMATIVE ASSESSMENT 2016 - 2017**

SCIENCE

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

Class: V Sec: _____ Date: 09 /03/2017 Max. Marks: 60 Time: 2 Hrs

Section -1 (Objective)

NOTE: SECTION -1 TO BE ANSWERED IN THE QUESTION PAPER ITSELF

Q I	FILL IN THE BLANKS	(5 x 1 = 5)
a	Molten rock inside the Earth is called _____	
b	The area where a particular animal naturally lives is called its _____	
c	A _____ is a push or pull acting on an object.	
d	The ability to do work is called _____.	
e.	The sun has a thin layer of atmosphere called the _____.	
Q 2	MULTIPLE CHOICE QUESTIONS	(5 x 1 = 5)
a	Magnets can attract a) iron b) nickel c) cobalt d) all of these	
b	Which of the following materials is translucent? a) wood b) mud c) coloured glass d) clear glass	
c	A doorknob is an example of a) pulley b) wheel and axle c) lever d) screw	
d	The sun is made up of a)Oxygen and Hydrogen b) Oxygen and Carbon dioxide c)Hydrogen and Helium d) Helium and Argon	
e	Olympus Mons is a volcano on a) Earth b) Moon c) Mars d) Pluto	

Q 3	State -TRUE OR FALSE	(5 x 1 = 5)
a	Calcite is a metallic mineral.	
b	Snakes have limbs to move.	
c	A screw is an example of an inclined plane.	
d	A shadow is always formed on the same side of the source of light.	
e	The moon appears to change its shape day by day.	
Q 4	GIVE ONE WORD	(5 x 1 = 5)
a	A rock that can float.	
b	The dark spot formed by a translucent or an opaque object when it blocks light.	
c	The force that attracts objects towards the centre of the Earth.	
d	The spot corresponding to the focus of an earthquake, situated on the surface of the earth.	
e	A celestial body that orbits a planet.	



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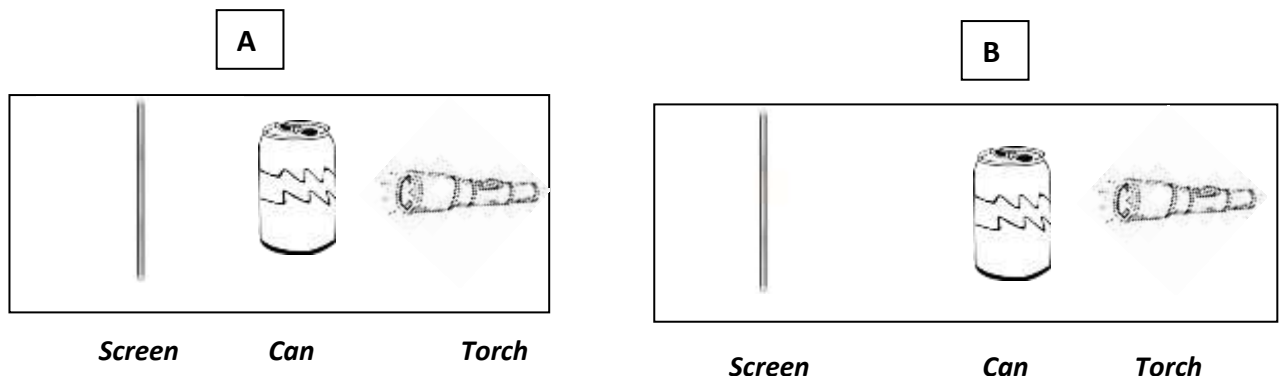
SECTION –II (Max Marks: 40)

Section II should be answered on a separate Answer Sheet only

Note: Questions 5 – 13 carry 1 mark each
Questions 14 – 22 carry 2 marks each
Questions 23 – 25 carry 3 marks each
Question 26 carries 4 marks

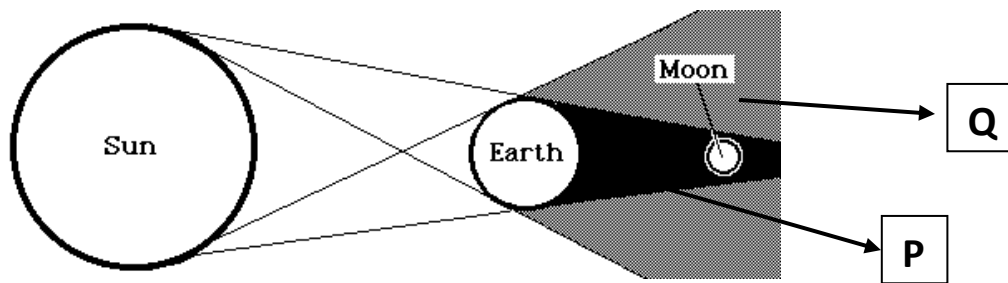
Answer the following Questions

5. What are metamorphic rocks?
6. Name any two ores.
7. Why do the length and position of shadow change during different times of the day?
8. Define adaptation.
9. Transparent objects do not form shadows. Give reason.
10. Give one advantage of friction.
11. How do you determine the intensity of an Earthquake?
12. No sound can be heard on the moon .Why?
13. What is Solar system?
14. Raj is doing an experiment on shadow formation. Do you think the size of the shadow of the can in the cases 'A' and 'B' would be the same? Justify your answer.



15. How are sedimentary rocks formed? Give two examples of sedimentary rocks.
16. Mention any two adaptations seen in Omnivores.
17. What is camouflage? In what way does it help the animals?
18. List any two effects of force on objects.
19. Differentiate between Tsunamis and Tidal waves.
20. What are artificial satellites? Name any one type of artificial satellite and its use.
21. List any two things needed for shadow formation.
22. i) Identify the type of eclipse shown in the diagram given below.

ii) Name the parts of the shadow labeled **P** and **Q**



23. i) Differentiate between coal and petroleum based on their formation.
- ii) Name any two fuels obtained by the refining of petroleum.
- iii) Write any two uses of coal.

24. Observe the following pictures and answer the questions.

- i) Name the animals **A** and **B**
- ii) Name the body covering of **A** and **B**
- iii) One advantage of the body covering for **A** and **B**



A



B

25. i) Differentiate between magma and lava.
ii) Name the three types of Volcanoes?
iii) What is the 'Pacific Ring of Fire'?

26. i) What is a Pulley?
ii) Draw a line diagram to represent the Second-class lever.
iii) Classify the following Simple machines.



A



B



C



D
