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**INDIAN SCHOOL MUSCAT
MIDDLE SECTION
FIRST TERM EXAMINATION 2018-19**



SCIENCE

CLASS: VI

ANSWER KEY

Time Allotted: 2 ½ Hrs.

19.09.2018

Max .Marks: 80

General Instructions:

1. The question paper comprises of **two Sections, A and B**. You have to attempt both the sections.
2. **All** questions are **compulsory**.
3. **All answers should be written in the answer sheet provided.**

SECTION A

1.Fill in the blanks

- | | |
|---------------------|---|
| a. Carbon dioxide | 1 |
| b. Drought | 1 |
| c. Reflection | 1 |
| d. Magnetic Compass | 1 |
| e. Miscible | 1 |
| f. Smaller | 1 |

2. Choose the correct answer

- | | |
|----------------|---|
| a. Evaporation | 1 |
| b. Completely | 1 |
| c. Poles | 1 |
| d. Climber | 1 |
| e. Salty | 1 |
| f. Air | 1 |

3. State TRUE or FALSE

- | | |
|----------|---|
| a. True | 1 |
| b. False | 1 |
| c. True | 1 |
| d. True | 1 |
| e. False | 1 |
| f. True | 1 |

4. Give ONE word / term for the following

- | | |
|---------------------------------|---|
| a. Soluble substances/ miscible | 1 |
| b. Condensation | 1 |
| c. Transpiration | 1 |
| d. Shadow | 1 |

- e. Bar magnet/ horse-shoe magnet/ cylindrical magnet /other relevant examples. 1
- f. Water cycle 1
- g. Atmosphere 1

SECTION B

Questions 5 to 19 carry 1 mark each

- 5 (i) To generate electricity (ii) to draw water from tube well. 1
- (iii) to run flour mills (**any two**)
- 6 (i) New substance are formed 1
- (ii) The change is permanent.
- 7 Respiration, photosynthesis 1
- 8 Plants with weak stems that cannot stand upright and spread on the ground are called 1
- creepers. E.g. pumpkin
- 9 **Water vapour present in the air** when come in contact with the cooler surface of bottle 1
- and **get condensed**.
- 10 Iron 1
- 11 1

Luminous objects	Non- luminous objects
A piece of red hot iron	A mirror

- 12 Oxygen and carbondioxide 1
- 13 (i) to absorb water and minerals from the soil. 1
- (ii) to anchor the plant firmly to the soil.
- 14 A shadow is formed when an opaque object is placed in the straight line path of light. 1
- 15 North- south direction 1
- 16 (i) throwing or dropping the magnet from a height (**any two**) 1
- (ii) heating the magnet
- (iii)hammering the magnet
- (iv)improper storing
- 17 (i) used for respiration 1
- (ii) for burning/ combustion
- 18 By rain water 1
- 19 During heavy rain, water fills up the spaces occupied by air. So earthworms have to 1
- come out to breathe air.

Questions 20 to 29 carry 2 marks each

- 20 Burning of candle wick cannot be reversed as new substances such as ash and smoke 1
- is formed and the change is permanent.
- Melting of wax can be reversed as the solid wax melts to liquid on heating and liquid 1
- wax solidifies when cooling and the change is temporary.
- 21 This is because of the deposition of layer of substance formed when the metal is come 2
- in contact with **air and moisture**.
- 22 Materials that are attracted towards the magnet are called magnetic materials. 1
- Examples; iron and cobalt
- Materials that are not attracted towards the magnet are called magnetic materials.

	Examples; wood and plastic	1
23	(i) support (ii) transportation (iii) storage (any two points)	2
24	The objects that do not allow light to pass through them are called opaque objects. Examples; wood and coin	1 1
25	(i) Rooftop rainwater harvesting. (ii) Rainwater harvesting from open spaces around buildings.	1 1
26	(i) A source of light (ii) An opaque object. (iii) Screen. The opaque object should be placed in between the source of light and the screen.	2
27	Glass – transparent, luster or sinks in water Wood – opaque, have no luster or floats on water	2
28	(a) repulsion (b) attraction	2
29	A – Midrib B – Petiole C – Lamina D - Veins	2
Questions 30 to 34 carry 3 marks each		
30	To fix the handle, the ring is made slightly smaller in diameter. The ring is heated and becomes slightly larger in size due to expansion. Then, the handle easily fits into the ring. When the ring cools down, it contracts and fits tightly onto the handle.	3
31	(i) A pinhole camera is a device which forms photographic image of a bright object on a screen. (ii) Rectilinear propagation of light (iii) A real, inverted/ upside down image is formed.	1 1 1
32	Too much rain results in flood and thereby causes extensive damage to crops, domestic animals, property and human life. Aquatic animals get carried away with the floodwater and get trapped on land areas and die when water recedes. It also affects the animals living in the soil.	3
33	(i) Refer page no.151 (fig.15.9) in text book. (ii) To prevent smoke and dust particles from getting into the respiratory system.	2 1
34	Bar magnets – always stored them in pairs with their opposite poles on the same side and a piece of wood is kept in between to separate them. Horse-shoe magnets – a single magnet keeper is kept in such a way that it should touch both the poles of the magnet.	1½ 1½
Questions 35 carries 5 marks		
35	(i) A – Petal B – Sepal C – Stamen D – Pistil (ii) Stamen – Anther and filament (iii) Pistil – Stigma, style, ovary (iv) Reproduction	1 1 1½ ½