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**INDIAN SCHOOL MUSCAT  
MIDDLE SECTION  
FINAL EXAMINATION 2017-18**



**SCIENCE**

**Code: MWSC02/13**

**CLASS: V**

**Time Allotted: 2 ½ Hrs.**

**08.03.2018**

**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. The fine grained rock formed when lava cools quickly is called \_\_\_\_\_. 1
- b. The wearing away of rocks is known as \_\_\_\_\_. 1
- c. The amount of water vapor in air is called \_\_\_\_\_. 1
- d. The \_\_\_\_\_ is the natural satellite of the earth. 1
- e. The fixed point in a lever is called the \_\_\_\_\_. 1
- f. Harmful substances that pollute the environment are called \_\_\_\_\_. 1

**2. Choose the correct answer**

- a. Which of these rocks is not used for making statues? 1  
i) Marble ii) Quartzite iii) Conglomerate iv) Granite
- b. Which of the following phases of the moon is not visible at all? 1  
i) New moon ii) Crescent moon iii) Gibbous moon iv) Full moon
- c. Which of these is a simple machine? 1  
i) Screw ii) Inclined plane iii) Bottle opener iv) All of these
- d. Which of the following are the secondary consumers? 1  
i) Plants ii) Omnivores iii) carnivores iv) Herbivores
- e. Which of the following resources will not be available in the near future? 1  
i) Diesel ii) Solar energy iii) Wind energy iv) All of these
- f. Which of these does not occur during a cyclone? 1  
i) Heavy rain ii) Earth Shakes iii) High speed wind iv) Damage to property

**3. State TRUE or FALSE**

- a. Cyclones are a common sight in the coastal areas of India. 1
- b. Burning of fuels decreases the level of carbon dioxide in the air. 1
- c. Plants do not depend on animals for oxygen. 1
- d. A machine consisting of many simple machines is a complex machine. 1
- e. Air exerts pressure only in one direction. 1
- f. Fossils are found in sedimentary rocks. 1

**4. Give ONE word/ term for the following**



- |    |   |   |
|----|---|---|
| a. | The force with which earth pulls everything down towards itself.  | 1 |
| b. | A grooved wheel with a rope passing through it.                   | 1 |
| c. | A nail with a winding edge cut into it.                           | 1 |
| d. | A decomposer that acts on dead plants and animals.                | 1 |
| e. | The passage of food from one organism to another.                 | 1 |
| f. | The natural surroundings in which living things live and survive. | 1 |
| g. | The layer of atmosphere that protects us from UV rays.            | 1 |

**SECTION B**

**Questions 5 to 19 carry 1 mark each**

- |    |   |   |
|----|---|---|
| 5  | What is Taj Mahal made of?  | 1 |
| 6  | What is planting of trees in large numbers called?                        | 1 |
| 7  | Which method will you use to separate tea leaves from tea?                | 1 |
| 8  | Why is chlorination done while purifying water in the waterworks?         | 1 |
| 9  | How does the moon shine even though it does not have light of its own?    | 1 |
| 10 | Why is there no life on moon? (Write two points)                          | 1 |
| 11 | Why is sunlight important for plants?                                     | 1 |
| 12 | How do animals depend on plants?(Mention 2 points)                        | 1 |
| 13 | What are herbivores called in a food chain?                               | 1 |
| 14 | Name two sources of energy which cause no pollution.                      | 1 |
| 15 | What are two ways in which noise pollution affects people?                | 1 |
| 16 | What is famine?   | 1 |
| 17 | Name any two natural calamities.  | 1 |
| 18 | What are high waves caused by strong winds called?                        | 1 |
| 19 | Name any two things provided by the government during a natural calamity. | 1 |

**Questions 20 to 29 carry 2 marks each**

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|----|--|---|
| 20 | What are ores? Name any two metals extracted from their ores.  | 2 |
| 21 | Write two ways in which soil is useful for living things.  | 2 |
| 22 | a.What is the result of soil erosion by water?<br>b.How can we prevent it?   | 2 |
| 23 | Name the solute and solvent present in sugar solution.   | 2 |
| 24 | State two uses of artificial satellites.   | 2 |
| 25 | If a person weighs <b>54 kg</b> on Earth, what will be his weight on the Moon? (Write the steps)   | 2 |
| 26 | Name the simple machine used in these pictures   | 2 |
|    | a.  b.  |   |

- |    |  |   |
|----|--|---|
| 27 | How do plants and animals depend on each other for their requirement of oxygen and carbon dioxide? | 2 |
| 28 | Why is plastic considered to be harmful to the environment?  | 2 |
| 29 | Give any two ways in which people respond to a cyclone warning?                                    | 2 |

**Questions 30 to 34 carry 3 marks each**

- 30 a. Identify the given picture.  
b. In which rock will you find this.  
c. Name the type of rock formed from  
i. sand ii. A mineral called calcite



- 31 Write three ways in which human activities can cause soil erosion 3
- 32 a. What is atmosphere? 3  
b. Which are two lower layers of atmosphere?  
c. Why is ozone layer important?
- 33 a. what is the position of the sun, moon and earth during a solar eclipse. 3  
b. What is the difference between a total solar eclipse and a partial solar eclipse?  
c. Why shouldn't we watch a solar eclipse directly even through glasses?
- 34 a. What is a food chain? 3  
b. Draw a food chain using the following organisms  
eagle, rice, rat, snake.

**Questions 35 carries 5 marks**

- 35 a. What is a lever? 5  
b. Given below are examples for the three classes of levers. Draw the line diagram for each showing the position of load, effort and fulcrum.



- c. What type of machine is a washing machine?

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