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**INDIAN SCHOOL MUSCAT  
MIDDLE SECTION  
ANNUAL EXAMINATION 2018-19**



**SUBJECT – SCIENCE**

**Code: MXSC17**

**CLASS: VI**

**Time Allotted: 2 ½ Hrs.**

**04.03.2019**

**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. Foods containing \_\_\_\_\_ are often called body building foods. 1
- b. \_\_\_\_\_ and \_\_\_\_\_ are examples of plant based fibres. 1
- c. A device which can be used to image the Sun and brightly lit objects is \_\_\_\_\_ 1
- d. \_\_\_\_\_ helps in the movement of body by contraction and relaxation. 1
- e. \_\_\_\_\_ shows only shape of an object. 1
- f. A device that helps to complete or break the circuit is \_\_\_\_\_. 1

**2. Choose the correct answer**

- a. An example of an object which is not a source of light. 1  
(a) Moon(b) Firefly (c)Sun (d)Torch light
- b. Yarn is woven into a fabric using 1  
(a) charkha (b) looms (c)spinning machines (d) takli
- c. The mineral that gives strength to bones and teeth is 1  
(a) iron (b) manganese(c) calcium (d) phosphorous
- d. Some vegetables such as french beans, lady's finger, green chilies, brinjals and potatoes 1  
are all mixed in a bag. Which of the following methods of separation would be most appropriate to separate them?

- (a) Filtration (b) Sieving (c) Decantation (d) Hand picking
- e. Example of aquatic animal that has a streamlined body is 1  
(a) squid (b) dolphin (c) crab (d) octopus
- f. The distance between Delhi and Mumbai is usually expressed in units of 1  
(a) millimeter (b) meter (c) centimeter (d) kilometer

### **3. State TRUE or FALSE**

- a. An artificial satellite orbiting the Earth is example of circular motion. 1
- b. Eating too much of fat rich foods may lead to a condition called as 'Goiter'. 1
- c. Light travels in a straight line. 1
- d. Separation of sugar from tea can be done with filtration. 1
- e. In electric cell, the chemical energy is converted to electric energy. 1
- f. The bones at the elbow are joined by a gliding joint. 1

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

- a. The process of making yarn from fibres. 1
- b. Bones that join with chest bone at one end and to the backbone at the other end. 1
- c. The objects that do not allow light to pass through them. 1
- d. The disease caused due to the deficiency of iron. 1
- e. The changes in the surroundings that make us respond to them. 1
- f. Materials which allow electric current to pass through them. 1
- g. A measuring device used to measure a piece of cloth. 1

### **SECTION B**

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

- 5 What are luminous objects? Give an example. 1
- 6 It is not advisable to discard the peels of vegetables and fruits. Why? 1
- 7 In which season is jute cultivated? Name two states of India where it is cultivated? 1
- 8 Define synthetic fibres. 1
- 9 Suggest one way in which you can dissolve more of a substance in a solution. 1
- 10 Name any two items that are made from coconut fibres. 1
- 11 Which of the skull bones are movable? 1
- 12 Some desert plants like cacti have leaves in the form of spines. Why? 1
- 13 What happens when the chemicals in the electric cell are used up? 1
- 14 Define the term excretion. 1
- 15 What is a cartilage? 1

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| 16 | The distance between Radha's home and her school is 3.5km. Express this distance into meter (m). | 1 |
| 17 | Name four important abiotic factors needed for growth of plants.                                 | 1 |
| 18 | Define periodic motion.  | 1 |
| 19 | What is the direction of flow of current in an electric circuit?                                 | 1 |

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

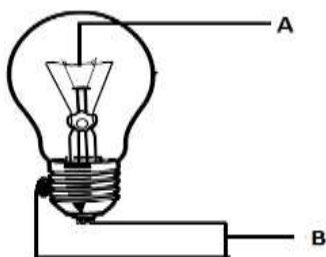
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| 20 | What are translucent objects?   | 2 |
| 21 | What is the main function of roughage? Give 2 examples.   | 2 |
| 22 | Differentiate between evaporation and condensation.   | 2 |
| 23 | a) What is meant by ginning?<br>b) How it was done traditionally? How is ginning done nowadays?   | 2 |
| 24 | What are joints? Write the names of any two types of joints.  | 2 |
| 25 | a) Why can't a pace or footstep be used as a standard unit of length?<br>b) While measuring the length of a book, the reading of the scale at one end is 3.0 cm and at the other end is 24.4cm. What is the length of the book? | 2 |
| 26 | a) Define reproduction.<br>b) Give two examples of animals which give birth to their young ones.  | 2 |
| 27 | Describe the adaptation of frogs legs to live on land as well as on water.  | 2 |
| 28 | How are the motions of a wheel of a moving bicycle and the blade of a moving electric fan different? Explain.   | 2 |
| 29 | Why should an electrician use rubber gloves while repairing an electric device at your home?  | 2 |

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

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| 30 | a) Write any two functions of water in our body.<br>b) What condition causes the deficiency disease, Beriberi? Give any one symptom of this disease.<br>c) Name the type of vitamin that we get from sunlight. | 3 |
| 31 | a) Name the organs in cockroach, which helps in walking and flying.<br>b) Describe two adaptations seen in bird's body for flying.   | 3 |
| 32 | How do trees adapt to live in mountainous habitats?  | 3 |
| 33 | a) What is meant by rectilinear motion?<br>b) State any two precautions to be observed while measuring the length with the help of a meter scale.  | 3 |

34 Observe the figure given below and answer the questions that follow:

3



- a) Label the parts, A and B.
- b) What is the function of the part A in the bulb?

**Questions 35 carries 5 marks**

35 a) Why is separating different components of a mixture necessary?(Any 2 points)

5



- b) Name the process of separation demonstrated in the figure aside? Explain the process.
- c) Where is it commonly used?

**End of the question paper.**