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**INDIAN SCHOOL MUSCAT
MIDDLE SECTION
ANNUAL EXAMINATION 2019 – 20
SUBJECT – SCIENCE – SET A**



Code:MXSC13
Time Allotted: 2 ½ hrs
Max .Marks: 80

CLASS 6
01.03.2020

General Instructions.

- 1.The question paper comprises of three sections **A ,B& C**. You have to **attempt all** the sections.
- 2.All the questions are **compulsory**.
- 3.All the answers should be written in the **answer sheet** provided.

Q.NO1	<u>SECTION 'A' – ('1' MARK EACH) – TOTAL – 20 MARKS</u>	Marks
(a)	Which of the following is false? (a) Pinhole camera produces an erect image (b) Pinhole Camera shows details of image (c) Pinhole Camera produces coloured image (d) Pinhole Camera produces an inverted image	1
(b)	Materials which allow current to pass through them easily are called? (a) Insulators (b)Conductors (c) Switch (d)Battery	1
(c)	How many muscles work together to move a bone? (a) One (b) Two (c) Three (d) Four	1
(d)	The indigestible material present in food is known as (a) vitamins (b) water (c) roughage (d) proteins	1
(e)	The method used to separate the seeds from the fruit juice is (a) filtration (b) sieving (c) crystallization (d) winnowing	1
(f)	Which one of the following is not a natural fiber? (a) Cotton (b) Nylon (c) Jute (d) Wool	1
(g)	Which of the following grows best in a black soil and warm climate? (a) Cotton (b) Flax (c) Jute (d) Coconut	1
(h)	Which set of substances is not used for making fibers? (a) Silk, chemicals (b) Yak hair, camel hair (c) Husk, bones (d) Flax, wool	1
(i)	Raju comes across an animal having a stream-lined and slippery body. What is the habitat of the animal? (a) Water (b) Desert (c) Grassland (d) Mountain	1
(j)	Which of the following is not an example of response to stimulus? (a) Watering in mouth when we see delicious food items. (b) Closing of leaves of mimosa plant when touched.	1

- (c) Shutting our eyes when an object is suddenly thrown in our direction.
 (d) A chick hatching out of an egg.
- (k) Why we cannot see objects through C shaped or N shaped pipe? 1
- (l) Why distilled water is known as an insulator? 1
- (m) What would have happened if our backbone was made of one single bone? 1
- (n) Anju is suffering from a condition called goiter. How it is caused? 1
- (o) Which method will you use to get a pure liquid from a solution containing soluble impurities in the liquid? 1
- (p) What is weaving? 1
- (q) What will happen if we pull the yarn from torn pair of socks? 1
- (r) What is habitat? 1
- (s) What is stored in camel's hump for use in emergency situations? 1
- (t) What does your P.E teacher use to measure the length of the playground? 1

Q.NO	<u>SECTION 'B' – ('3' MARKS EACH) – TOTAL – 30 MARKS</u>	Marks
(2)	Correct the following statements. (i) The colour of the shadow of an object depends on its colour of the object. (ii) Transparent objects allow light to pass through them partially (iii) Nonluminous object emit light on their own	3
(3)	(i) What is a shadow? (ii) What do we need in order to see a shadow? (iii) What is the difference between image and shadow?	3
(4)	(i) Generally what can be components of an electric circuit? (ii) Why rubbers and plastic used to cover electric wires and plug tops? (iii) When electric cell has to be replaced with a new one?	3
(5)	(i) Why are earthworms known as farmer's best friend? (ii) List two functions of backbone	3
(6)	Soham was having difficulty in seeing things in dim light. The doctor tested his eyesight and prescribed a particular vitamin supplement. He also advised him to include a few food items in his diet. (i) Which deficiency disease is he suffering from? (ii) Which food component may be lacking in his diet? (iii) Suggest any food items that he should include in his diet.	3
(7)	Both Sarika and Mohan were asked to make salt solution. Sarika made the solution A with one teaspoonful of salt and half a glass of water, whereas Mohan made the solution B with 3 teaspoons full of salt and half a glass of water. (i) What difference can you observe in both the solutions A and B? (ii) Identify the term used for solution B.	3

(iii) Among solutions A and B in which solution you can add more salt for dissolving why?

(8) (i) Name two simple devices used for spinning. 3
(ii) From which parts of the plant cotton and jute are obtained?
(iii) What is ginning?

(9) (i) What are the two abiotic components essential for growth of a plant? 3
(ii) Give two examples of animals living in cold region?
(iii) Give two examples of terrestrial habitat.

(10) (i) Why can a pace or a footstep not be used as a standard unit of length? 3
(ii) What is rectilinear motion?
(iii) Why we can't use elastic tape to measure distances?

(11) (i) What is the difference between motion of ceiling fan and motion of a pendulum? 3
(ii) How can we measure a curved line?
(iii) The distance between Ram's house and Ravi's house is 3000 m. Express it in km.

Q.NO SECTION 'C' – ('5' MARKS EACH) – TOTAL – 30 MARKS Marks

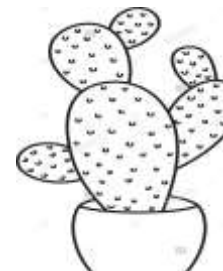
(12) (i) What is a circuit? 5
(ii) Mention two types of electric circuit?
(iii) Draw a diagram to show a circuit.

(13) (i) What is a joint? Name two types of joints in the human body 5
(ii) List two functions of the human skeleton.
(iii) What is cavity in bones?

(14) (i) Why proteins are called 'building blocks' of body? 5
(ii) Write two functions of Vitamins?
(iii) Which disease is caused by deficiency of – Vitamin D Vitamin C

(15) (i) What is the difference between evaporation and condensation? 5
(ii) Write three methods of separation
(iii) What is decantation?

(16) (i) Identify the Plant. 5
(ii) Give three main adaptive features in desert plant
(iii) Give two examples of aquatic habitat.



(17) (i) Give two examples of periodic motion. 5
(ii) What do you understand by standard unit of measurement? Example
(iii) What is the difference between rest and motion?

End of the question paper.