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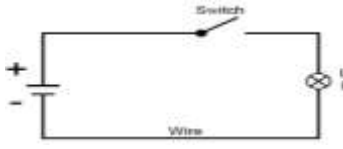
	INDIAN SCHOOL MUSCAT MIDDLE SECTION ANNUAL EXAMINATION 2019 – 20	
	<u>SUBJECT - SCIENCE –SET A</u>	Code:MXSC13
CLASS 6		Time Allotted: 2 ½ hrs
01.03.2020		Max .Marks: 80
<p>General Instructions.</p> <p>1.The question paper comprises of three sections A ,B& C. You have to attempt all the sections.</p> <p>2.All the questions are compulsory.</p> <p>3.All the answers should be written in the answer sheet provided.</p>		

Q.NO1	<u>SECTION 'A' – ('1' MARK EACH) – TOTAL – 20 MARKS</u>	Marks
(a)	(a) Pinhole camera produces an erect image	1
(b)	(b) Conductors	1
(c)	(b) Two	1
(d)	(c) roughage	1
(e)	(a) filtration	1
(f)	(b) Nylon	1
(g)	(a) Cotton	1
(h)	(c) Husk, bones	1
(i)	(a) Water	1
(j)	(d) A chick hatching out of an egg.	1
(k)	We cannot see objects through C shaped or N shaped pipe because light travels through straight line.	1
(l)	Distilled water acts as an insulator as it is purest form of water.	1
(m)	A single bone cannot bend at its own. Movement occurs only where two bones meet to form a joint.	1
(n)	Goiter is caused due to deficiency of iodine.	1
(o)	Distillation can be used to get a pure liquid from a solution containing several soluble solids in the liquid.	1
(p)	The process of arranging two sets of yarns together to make a fabric is called weaving. Weaving of fabric is done on looms.	1
(q)	When a single yarn is pulled out continuously from a torn pair of socks, the fabric gets unraveled because knitting is the process used to prepare the fabric for socks and in knitting, a single yarn is used to make a piece of fabric	1
(r)	The surrounding where organisms live is called a habitat.	1

(s)	Fat is stored in camel's hump for use in emergency situations.	1
(t)	P.E teacher has plastic made tap scale to measure the length. Its total length is 100 meter	1

Q.NO	<u>SECTION 'B' – ('3' MARKS EACH) – TOTAL – 30 MARKS</u>	Marks
(2)	<p>(i) Correct Statement: The color of the shadow of an object does not depend on its color of the object.</p> <p>(ii) Correct Statement: Transparent objects allow most of the light to pass through them OR Translucent objects allows light to pass through them partially.</p> <p>(iii) Objects that do not reflect light are known as non-luminous objects</p>	3
(3)	<p>(i) A dark area or shape produced by a body coming between rays of light and a surface.</p> <p>(ii) The three things to form a shadow are: I) A source of light. II)An opaque object to block the light. III)A surface behind the object to make the light fall on it.</p> <p>(iii) Shadow is formed when light is obstructed by an opaque object whereas Image is the reflection of light rays by an object.</p>	3
(4)	<p>(i) (a)A cell or a battery. (b)Connecting wires made of copper or aluminum. (c) Switch.(d)Bulb</p> <p>(ii) Rubbers and plastic are used to cover electric wires and plug tops because they are insulators and do not allow electric current to pass when we touch plugs and switch</p> <p>(iii) When the chemicals in the electric cell are used up</p>	3
(5)	<p>(i)Earthworm's excreta increase the fertility of the soil and add humus to the soil.</p> <p>(ii) (a)The major function of the vertebral column is protection of the spinal cord. (b) Provide structural support and balance to maintain an upright posture. Enable flexible motion.</p>	3
(6)	<p>(i)He is Suffering From Night Blindness that is inability to see in Dim Light.</p> <p>(ii) Food Component rich in Vitamin A were lacking in his diet that lead to deficiency of Vitamin A.</p> <p>(iii) He needs to include vitamin A rich food items like Carrots , leafy vegetables etc.</p>	3
(7)	<p>(i) Solution A Sarika will make a better salt solution. Solution B Mohan's solution would be saturated because in his case, some salt would remain undissolved and settled at the bottom of the glass.</p> <p>(ii) Saturated solution.</p> <p>(iii) Solution B. Because solution B is unsaturated solution.</p>	3
(8)	(i)Takli and Charkha are the two devices used for spinning.	3

	(ii) Cotton is obtained from the fruit part of plant and Jute is obtained from the stem of the plant (iii) The process of removing seed from cotton is called ginning.	
(9)	(i) The most important abiotic factors include water, sunlight, oxygen, soil and temperature. (ii) Yaks and snow leopard. (iii) Desert, mountains are the examples of terrestrial habitat	3
(10)	(i) A pace or a footstep cannot be used as a standard unit of length because the length of footstep, forearm length and hand span of different person is different. (ii) Rectilinear motion is a motion of a particle or object along a straight line. (iii) An elastic measuring tape is stretchable. It cannot be used to measure distances because the length of the tape may change on stretching	3
(11)	(i) Motion of ceiling fan is circular motion and motion of a pendulum is periodic motion. (ii) A curved line or surface cannot be measured by a straight scale, a measuring tape or thread must be used instead. (iii) 1000 m = 1km. Therefore 3000 m = 3km	3

Q.NO	<u>SECTION 'C' – ('5' MARKS EACH) – TOTAL – 30 MARKS</u>	Marks
(12)	(i) The complete path from one terminal of the electric cell through the bulb and back to other terminal of the electric cell is called an electric circuit. (ii) There are two types of electric circuits. Closed and open  (iii)	5
(13)	(i) The place where two or more bones meet in the skeleton is called a joint Ball and socket joint: Pivot Joint: (ii) Supports the body, facilitates movement. protects internal organs (iii) Cavity is the hollow space in the bones.	5
(14)	(i) Proteins are called 'building blocks' of body because they are needed for growth and repair of our body. (ii) Vitamins help in protecting our body against diseases. Vitamins keep our skin, bone teeth and eyes healthy. (iii) Scurvy happens when there is a lack of vitamin C; Rickets is caused by deficiency of Vitamin D.	5

(15)	<p>(i)Evaporation is a process where water changes into vapour. Condensation is the opposite process where water vapour is converted to tiny droplets of water.</p> <p>(ii) Filtration, Decantation, Distillation.</p> <p>(iii) The process in which water is removed when heavier component of mixture settles, it is called decantation.</p>	5
(16)	<p>(i)Cactus plant</p> <p>(ii) The leaves in desert plants are either absent, very small or present in the form of spines or thorns.</p> <p>Waxy coating on the leaves and stems reduces evaporation.</p> <p>Thick stems or other plant parts provide water storage space.</p> <p>(iii) aquatic habitats include ponds, lakes, rivers, streams, springs,</p>	5
(17)	<p>(i) a rocking chair, a bouncing ball, a vibrating tuning fork, a swing in motion</p> <p>(ii) Scientists all over the world have accepted a set of standard units for measurements. This system of units is called International System of Units (SI units). SI unit of length is metre (m) while for large distances; the unit is kilometer (km)</p> <p>(iii) A body is said to be at rest if doesn't change it's position with respect to its surroundings while a body is said to be in motion if it continuously changes it's position with respect to its surroundings.</p>	5

End of the question paper.