

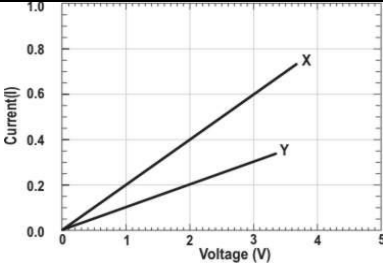
SET 21-CLASS VIII-SCIENCE

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option – A, B, C, D)				
1.	3_15 Science 3602	Chapter 14 Chemical Effects of Electric Current	A regular telephone neither uses batteries, nor is it connected to the electric supply. From where does it get the energy (electricity) required for its working?		B				
						Answer Options			
						Option A	Option B	Option C	Option D
		It does not require any energy for its working.	It gets energy through the regular telephone wires.	It gets energy every time someone speaks into it.	It gets energy every time someone dials a number.				
2.	3_17 Science 1893	Chapter 14 Chemical Effects of Electric Current	In a car battery, plates of lead and lead dioxide are immersed in a liquid, L. A chemical reaction occurs leading to the production of lead sulphate and water. What kind of a liquid is L likely to be?		A				

SET 21-CLASS VIII-SCIENCE

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option – A, B, C, D)												
		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th style="width: 25%;">Option A</th> <th style="width: 25%;">Option B</th> <th style="width: 25%;">Option C</th> <th style="width: 25%;">Option D</th> </tr> </thead> <tbody> <tr> <td>An acid</td> <td>A base</td> <td>Salt solution</td> <td>Distilled water</td> </tr> </tbody> </table>				Answer Options				Option A	Option B	Option C	Option D	An acid	A base	Salt solution	Distilled water
Answer Options																	
Option A	Option B	Option C	Option D														
An acid	A base	Salt solution	Distilled water														
3.	4_24 Science 10310	Chapter 14 Chemical Effects of Electric Current	A car headlight bulb is marked 48 W 12 V. Can this bulb be used at home in place of a regular electric bulb?		C												
		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th style="width: 25%;">Option A</th> <th style="width: 25%;">Option B</th> <th style="width: 25%;">Option C</th> <th style="width: 25%;">Option D</th> </tr> </thead> <tbody> <tr> <td>Yes, it can. The bulb will glow much brighter.</td> <td>Yes, it can. But the bulb will glow less brightly.</td> <td>No, it cannot. The bulb will burn out.</td> <td>No, it cannot. The bulb will not fit into the holder.</td> </tr> </tbody> </table>				Answer Options				Option A	Option B	Option C	Option D	Yes, it can. The bulb will glow much brighter.	Yes, it can. But the bulb will glow less brightly.	No, it cannot. The bulb will burn out.	No, it cannot. The bulb will not fit into the holder.
Answer Options																	
Option A	Option B	Option C	Option D														
Yes, it can. The bulb will glow much brighter.	Yes, it can. But the bulb will glow less brightly.	No, it cannot. The bulb will burn out.	No, it cannot. The bulb will not fit into the holder.														
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option – A, B, C, D)												

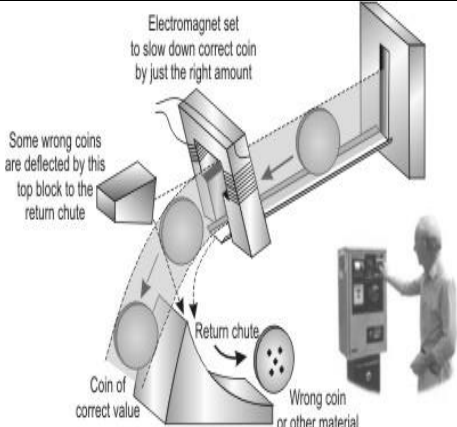
SET 21-CLASS VIII-SCIENCE

4.	4_24 Science 10334	Chapter 14 Chemical Effects of Electric Current	Given below is a graph showing the Current (I) versus the Voltage (V) in two different electrical circuits. If the Resistance (R) of a circuit is given by: $R = V/I$. What VALID conclusion can be drawn from this graph?		C												
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4" style="text-align: center;">Answer Options</th> </tr> <tr> <th style="width: 25%;">Option A</th> <th style="width: 25%;">Option B</th> <th style="width: 25%;">Option C</th> <th style="width: 25%;">Option D</th> </tr> </thead> <tbody> <tr> <td>For both the circuits the resistance is the same.</td> <td>The resistance of 'X' is more than that of 'Y'.</td> <td>The resistance of 'Y' is more than that of 'X'.</td> <td>Resistance increases as current is increased.</td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D	For both the circuits the resistance is the same.	The resistance of 'X' is more than that of 'Y'.	The resistance of 'Y' is more than that of 'X'.	Resistance increases as current is increased.
Answer Options																	
Option A	Option B	Option C	Option D														
For both the circuits the resistance is the same.	The resistance of 'X' is more than that of 'Y'.	The resistance of 'Y' is more than that of 'X'.	Resistance increases as current is increased.														
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option – A, B, C, D)												
5.	4_24 Science 10341	Chapter 14 Chemical Effects of Electric Current	A circuit has five bulbs connected to a battery. Initially they all glow. After some time one of them fuses, but the other four continue to glow. Which of the following circuits could it be?		B												

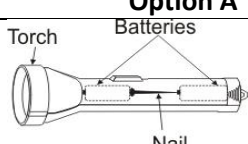
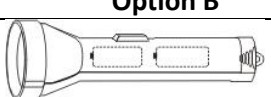
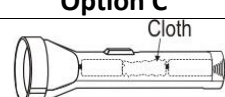






SET 21-CLASS VIII-SCIENCE

		Answer Options				
		Option A	Option B	Option C	Option D	
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option – A, B, C, D)	
6.	4_25 Science 12007	Chapter 14 Chemical Effects of Electric Current	If a non-magnetic object is inserted, what will be the effect of the electromagnet on it?		D	
		Answer Options				
		Option A	Option B	Option C	Option D	
		It will slow it down more than the 'correct' coin.	It will slow it down, but less than the 'correct' coin.	It will make it move faster than its original speed.	It will neither slow it down nor make it move faster.	

SET 21-CLASS VIII-SCIENCE

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option – A, B, C, D)												
7.	4_25 Science 12008	Chapter 14 Chemical Effects of Electric Current	In a vending machine based on this design, the strength of the electromagnet can be varied. What benefit does this design possibly offer?	 <p>The diagram illustrates the internal mechanism of a vending machine. A coin is shown falling from a slot. An electromagnet is positioned to slow down the coin as it passes. A top block is shown deflecting some coins back into a return chute. A coin of correct value is shown falling into a return chute. A wrong coin or other material is shown being deflected by the top block into a return chute. A person is shown using the vending machine.</p>	B												
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4">Answer Options</th> </tr> <tr> <th style="width: 25%;">Option A</th> <th style="width: 25%;">Option B</th> <th style="width: 25%;">Option C</th> <th style="width: 25%;">Option D</th> </tr> </thead> <tbody> <tr> <td>The machine can be used with non-metallic coins, if required.</td> <td>The machine can be used with different coins, if required.</td> <td>The machine can be used on battery, rather than electricity.</td> <td>The machine can be easily repaired if something goes wrong.</td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D	The machine can be used with non-metallic coins, if required.	The machine can be used with different coins, if required.	The machine can be used on battery, rather than electricity.	The machine can be easily repaired if something goes wrong.
Answer Options																	
Option A	Option B	Option C	Option D														
The machine can be used with non-metallic coins, if required.	The machine can be used with different coins, if required.	The machine can be used on battery, rather than electricity.	The machine can be easily repaired if something goes wrong.														
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option – A, B, C, D)												
8.	3_15 Science	Chapter 14 Chemical Effects of Electric	Srihari has a torch with him and 2 new batteries. However, the torch		A												

SET 21-CLASS VIII-SCIENCE

	3593	Current	requires 3 batteries to work. Is there any way Srihari can get the torch to glow?																		
Answer Options																					
Option A		Option B		Option C																	
 <p>A. Place a nail tightly in between</p>		 <p>B. Place nothing in-between, just the 2 batteries</p>		 <p>C. Place a piece of cloth tightly in between</p>																	
Option D																					
D. none of these will work - he will need another battery																					
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)		Correct Answer (Option – A, B, C, D)															
9.	3_15 Science 3616	Chapter 14 Chemical Effects of Electric Current	Consider the comparison shown here between a regular 60 W bulb and a new type of bulb that has been introduced What would be the advantage of using the new type of bulb?	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;"></td> <td style="width: 40%; text-align: center;"></td> <td style="width: 40%; text-align: center;"></td> </tr> <tr> <td style="text-align: center;">Wattage</td> <td style="text-align: center;">60 W</td> <td style="text-align: center;">15 W</td> </tr> <tr> <td style="text-align: center;">Brightness</td> <td style="text-align: center;">Like a 60 watt bulb</td> <td style="text-align: center;">Like a 60 watt bulb</td> </tr> <tr> <td style="text-align: center;">Socket type</td> <td style="text-align: center;">Normal</td> <td style="text-align: center;">Normal</td> </tr> <tr> <td style="text-align: center;">Price</td> <td style="text-align: center;">Rs 12/-</td> <td style="text-align: center;">Rs 40/-</td> </tr> </table>					Wattage	60 W	15 W	Brightness	Like a 60 watt bulb	Like a 60 watt bulb	Socket type	Normal	Normal	Price	Rs 12/-	Rs 40/-	B
																					
Wattage	60 W	15 W																			
Brightness	Like a 60 watt bulb	Like a 60 watt bulb																			
Socket type	Normal	Normal																			
Price	Rs 12/-	Rs 40/-																			
Answer Options																					
Option A		Option B		Option C		Option D															
The new bulb will be		The power consumed		The new bulb is		All the above are															

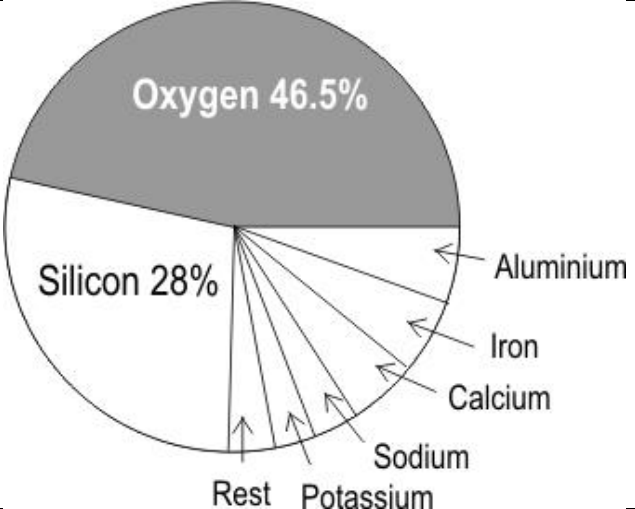
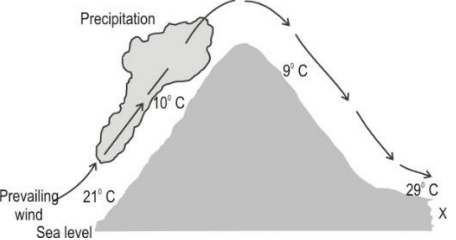
SET 21-CLASS VIII-SCIENCE

		brighter.	will be less.	cheaper to buy.	true.																															
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)		Correct Answer (Option – A, B, C, D)																														
10.	4_23 Science 9111	Chapter 14 Chemical Effects of Electric Current	Five friends, Lata, Mala, Shaila, Rohit and Ali each tried out two of the five different brands of batteries to check which brand lasted the longest. The data collected is shown below. If they had to choose the brand with the longest expected life based on the above experiments, they should choose	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th></th> <th>First battery tested</th> <th>Number of days it lasted</th> <th>Second battery tested</th> <th>Number of days it lasted</th> </tr> </thead> <tbody> <tr> <td>Lata</td> <td>P</td> <td>7</td> <td>T</td> <td>5</td> </tr> <tr> <td>Mala</td> <td>Q</td> <td>5</td> <td>R</td> <td>4</td> </tr> <tr> <td>Shaila</td> <td>R</td> <td>5</td> <td>S</td> <td>5</td> </tr> <tr> <td>Rohit</td> <td>S</td> <td>4</td> <td>P</td> <td>3</td> </tr> <tr> <td>Ali</td> <td>T</td> <td>4</td> <td>Q</td> <td>6</td> </tr> </tbody> </table>			First battery tested	Number of days it lasted	Second battery tested	Number of days it lasted	Lata	P	7	T	5	Mala	Q	5	R	4	Shaila	R	5	S	5	Rohit	S	4	P	3	Ali	T	4	Q	6	B
	First battery tested	Number of days it lasted	Second battery tested	Number of days it lasted																																
Lata	P	7	T	5																																
Mala	Q	5	R	4																																
Shaila	R	5	S	5																																
Rohit	S	4	P	3																																
Ali	T	4	Q	6																																
Answer Options																																				
Option A		Option B		Option C		Option D																														
Brand P		Brand Q		Brand R		Brand T																														
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)		Correct Answer (Option – A, B, C, D)																														

SET 21-CLASS VIII-SCIENCE

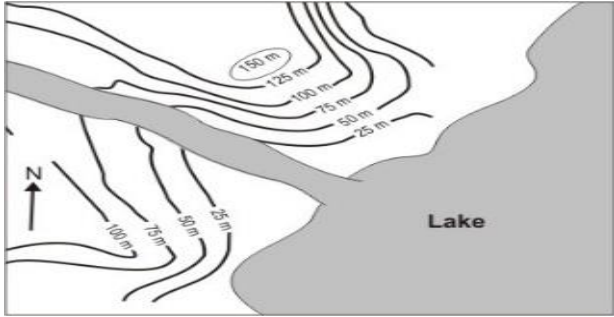
11.	1_3 Science 6720	Chapter 15 Some Natural phenomena	Which BEST describes the surface of the Earth over billions of years?		C
Answer Options					
		Option A	Option B	Option C	Option D
		A flat surface is gradually pushed up into higher and higher mountains until it is covered with mountains.	High mountains gradually wear down until most of the Earth is at sea level.	High mountains gradually wear down as new mountains are continuously being formed, over and over again.	High mountains and flat plains stay side by side for billions of years with little change.

SET 21-CLASS VIII-SCIENCE


12.	1_3 SCIENCE 6643	Chapter 15 Some Natural phenomena	<p>This pie-chart shows the percentage composition by weight of the elements of the earth's crust. The two elements that are present the most on the earth's crust are-</p>		A												
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4" style="text-align: center;">Answer Options</th> </tr> <tr> <th style="width: 25%;">Option A</th> <th style="width: 25%;">Option B</th> <th style="width: 25%;">Option C</th> <th style="width: 25%;">Option D</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Silicon and Oxygen</td> <td style="text-align: center;">Oxygen and Iron</td> <td style="text-align: center;">Aluminium and Iron</td> <td style="text-align: center;">Silicon and Iron</td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D	Silicon and Oxygen	Oxygen and Iron	Aluminium and Iron	Silicon and Iron
Answer Options																	
Option A	Option B	Option C	Option D														
Silicon and Oxygen	Oxygen and Iron	Aluminium and Iron	Silicon and Iron														
13.	3_17 Science 1904	Chapter 15 Some Natural phenomena	<p>The diagram here shows a mountain of height 2000 metres. The direction of the wind and some air temperatures are indicated. From this information, it is very likely that the region at X will be a</p>		A												

SET 21-CLASS VIII-SCIENCE

		Answer Options			
		Option A	Option B	Option C	Option D
		dry region	Jungle	large lake	Plateau

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option – A, B, C, D)
14.	3_17 Science 1889	Chapter 15 Some Natural phenomena	<p>Contour lines on a map connect points on the surface that have the same elevation (height) above sea level.</p> <p>What can be said about the flow of the river in this map?</p>		A
Answer Options					
Option A		Option B		Option C	
It flows in a south-east direction		It flows in a north-west direction		It flows in a south-west direction	
				We cannot be sure of the flow direction.	

SET 21-CLASS VIII-SCIENCE

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option – A, B, C, D)
15.	3_17 Science 1874	Chapter 15 Some Natural phenomena	See the map showing present day South America and Africa. Which of the following provides the most compelling scientific evidence that the two continents were probably joined in the past?		C
Answer Options					
Option A		Option B	Option C	Option D	
The shapes of the continents fit quite well together like a jigsaw puzzle.	It is known that other continents like Asia and Australia were joined in the past.	Fossils of the same age of extinct animals have been found in both continents.	The present day climatic conditions in both continents are very similar.		