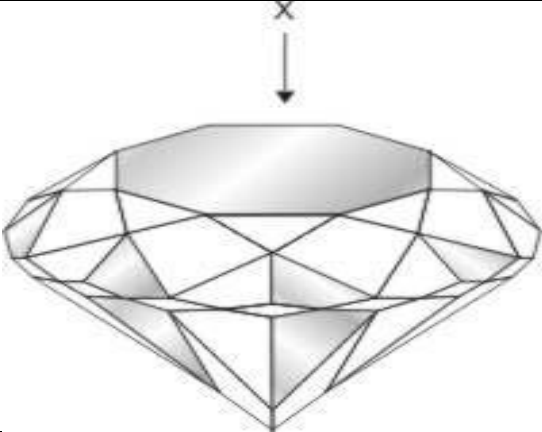

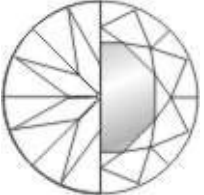
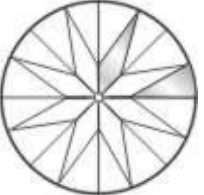
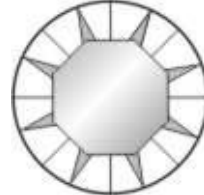

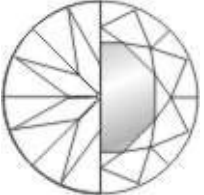
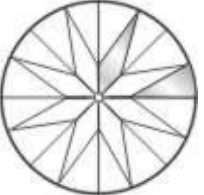
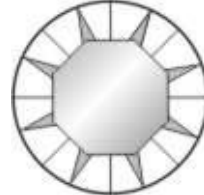

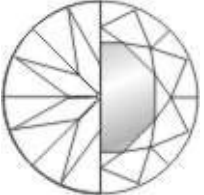
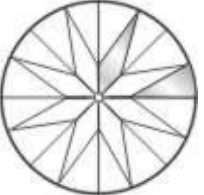
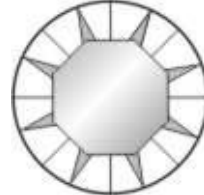











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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option – A, B, C, D)												
	4_24 Science 10363	CHAPTER 16 Light	If the diamond given in figure below is seen from the top, which of the following figures would be seen?		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;">  </td> <td style="text-align: center;">  </td> <td style="text-align: center;">  </td> <td style="text-align: center;">  </td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D				
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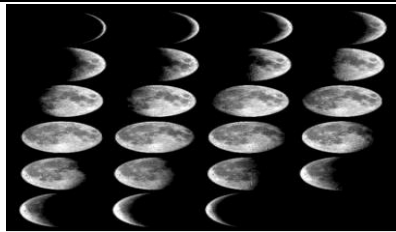
SET 25-CLASS VIII-SCIENCE

2.	1_3 Science 6685	CHAPTER 16 Light	A mirror is placed along the dotted line on the letter N. In which position will the image in the mirror coincide EXACTLY with the other half of the letter?		D												
<table border="1" style="width: 100%; border-collapse: collapse; margin: 10px auto;"> <thead> <tr> <th colspan="4" style="text-align: center; padding: 5px;">Answer Options</th> </tr> <tr> <th style="width: 25%; padding: 5px;">Option A</th> <th style="width: 25%; padding: 5px;">Option B</th> <th style="width: 25%; padding: 5px;">Option C</th> <th style="width: 25%; padding: 5px;">Option D</th> </tr> </thead> <tbody> <tr> <td style="text-align: center; padding: 10px;">  A </td> <td style="text-align: center; padding: 10px;">  B </td> <td style="text-align: center; padding: 10px;">  C </td> <td style="text-align: center; padding: 10px;"> None of these D </td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D	 A	 B	 C	None of these D
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3.	3_15 Science 3613	Chapter 17 Stars and solar system	The table below shows the average distance of some planets from the Sun, assuming the earth's distance from the Sun = 1 If the planets were on the same side of the Sun, which line shows the correct spacing between the planets and their distances from the Sun? (Sizes of the planets are not drawn to scale.)	<table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th style="padding: 5px;">Planet</th> <th style="padding: 5px;">Average distance from the Sun (AU)</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">Mercury</td> <td style="padding: 5px;">0.4</td> </tr> <tr> <td style="padding: 5px;">Venus</td> <td style="padding: 5px;">0.7</td> </tr> <tr> <td style="padding: 5px;">Earth</td> <td style="padding: 5px;">1.0</td> </tr> <tr> <td style="padding: 5px;">Mars</td> <td style="padding: 5px;">1.5</td> </tr> </tbody> </table>	Planet	Average distance from the Sun (AU)	Mercury	0.4	Venus	0.7	Earth	1.0	Mars	1.5	A		
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4.	3_15 Science 3617	Chapter 17 Stars and solar system	The entire globe is divided into 360°; of longitude from 180°; West to 180°; East. The world rotates through these 360°; once every day. The standard time in India is the local time of longitude 82.5°; East. If Japan's standard time is based on the local time of longitude		B												

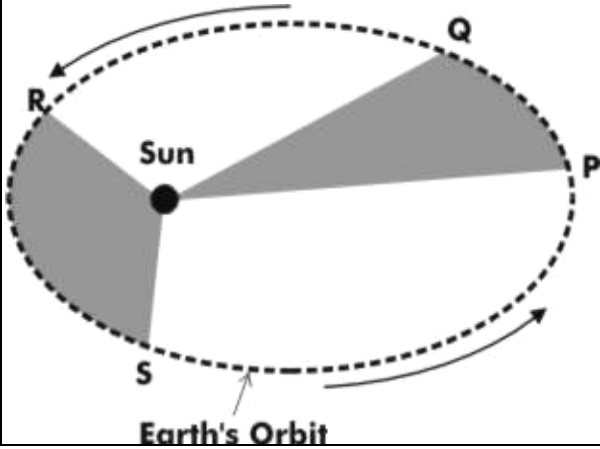
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			135°E, what will be the time difference between India and Japan?		
Answer Options					
Option A		Option B		Option C	
India would be ahead by 3 hours 30 minutes		India would be behind by 3 hours 30 minutes		India would be ahead by 5 hours 30 minutes	
				India would be behind by 5 hours 30 minutes	
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option – A, B, C, D)
5.	3_16 Science 2466	Chapter 17 Stars and solar system	The phases of the moon designate both the degree to which the Moon is illuminated and the geometric appearance of the illuminated part. Which is the correct order in which the phases occur?		A
Answer Options					
Option A		Option B		Option C	
new moon - waxing crescent - first quarter - full moon - last quarter - waning crescent.		new moon - first quarter - waning crescent - waxing crescent - last quarter - full moon		new moon - waxing crescent - last quarter - full moon - first quarter - waning crescent.	
				new moon - first quarter - waxing crescent - full moon - last quarter - waning crescent.	

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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option – A, B, C, D)											
6.	4_23 Science 9120	Chapter 17 Stars and solar system	From Ahmedabad, which of these could have been the shape of the Sun when the solar eclipse was maximum?		B											
		<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;"></td> <td style="text-align: center;"></td> <td style="text-align: center;"></td> <td style="text-align: center;"></td> </tr> </tbody> </table>				Answer Options				Option A	Option B	Option C	Option D			
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7.	4_24 Science 10322	Chapter 17 Stars and solar system	Nirav's science teacher wants to explain to the class how seasons occur and specifically why it is colder in winter. Which of these may be a part of the demonstration she uses?		C											

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		Answer Options			
		Option A	Option B	Option C	Option D
		Heat some water, allow the evaporated steam to come in contact with a glass containing ice cubes.	Take a football, a tennis ball and a table tennis ball and arrange them along an ellipse on a flat surface.	In a darkened room, shine a torch on a black sheet, once perpendicularly and once at an angle.	Take the students to the playground during noon, and then to the computer room when the AC is on.
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option – A, B, C, D)
8.	4_24 Science 10349	Chapter 17 Stars and solar system	Johannes Kepler was a brilliant German astronomer and mathematician who discovered a very elegant law of planetary motion. The law is that the line connecting a planet to the sun covers equal areas in equal intervals of time. In the figure alongside if the two shaded areas are equal, then the time taken by the earth to move from which of these will be same?	 <p style="text-align: center;">Earth's Orbit</p>	B
		Answer Options			
		Option A	Option B	Option C	Option D
		Q to R and S to P	P to Q and R to S	P to S and S to P	P to R and S to P

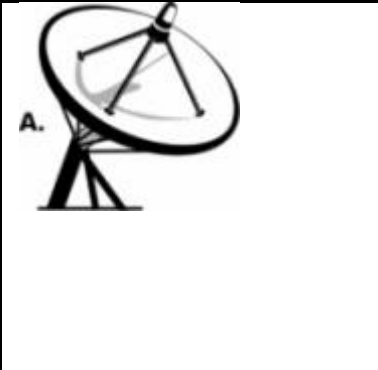
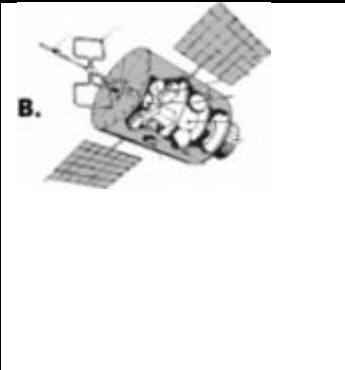
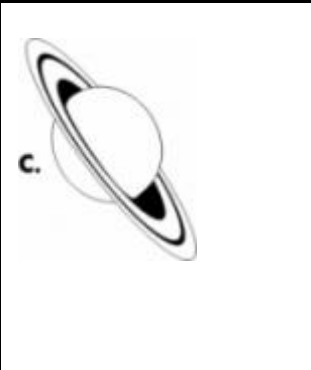

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S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option – A, B, C, D)	
9.	4_25 Science 11952	Chapter 17 Stars and solar system	Since the moon revolves around the earth once every month, why do we not have a lunar eclipse every month?		B	
		Answer Options				
		Option A	Option B	Option C	Option D	
		We do, every new moon is a lunar eclipse.	The planes of the moon's and earth's revolution are different.	Being smaller in size, the moon does not get blocked by the earth.	This is because the earth is also rotating on its own axis.	
10.	4_25 Science 11996	Chapter 17 Stars and solar system	The Milky Way galaxy is to the Sun what _____		A	
Answer Options						
Option A	Option B	Option C	Option D			
An ocean is to a water molecule.	an engine is to a car.	the rails are to a train.	the Sun is to the Earth.			

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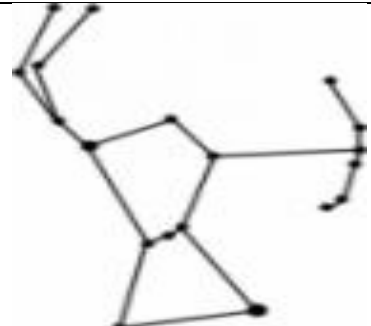
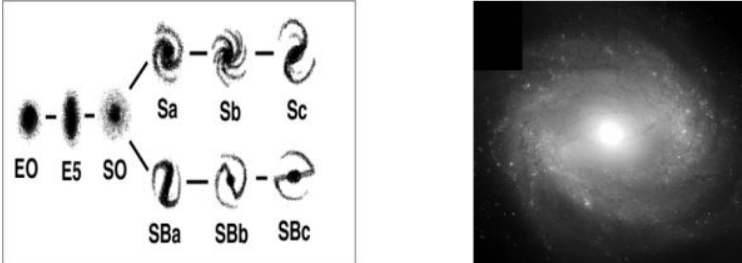
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option – A, B, C, D)	
11.	2_9 Science 5939	Chapter 17 Stars and solar system	That part of the Earth has night_____.		C	
		Answer Options				
		Option A	Option B	Option C	Option D	
		which is not facing the moon	which is covered by clouds	which is not facing the sun	which is having winter	
12.	1_3 Science 7269	Chapter 17 Stars and solar system	One of these is the picture of an artificial SATELLITE. Identify it.		B	
		Answer Options				
		Option A	Option B	Option C	Option D	

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13.	1_3 Science 7271	<p>Chapter 17 Stars and solar system</p>	<p>There is a Full Moon on September 14th. On which date will the New Moon occur?</p>		B												
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14.	1_3 Science 7255	Chapter 17 Stars and solar system	Shown here is a CONSTELLATION called Orion. What is a constellation?		B												
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15.	1_3 Science 7287	Chapter 17 Stars and solar system	Galaxies have been classified by Edwin Hubble as shown on the figure on the left. Identify to which classification the galaxy shown above belongs.		A												

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