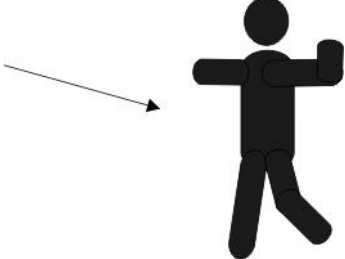

















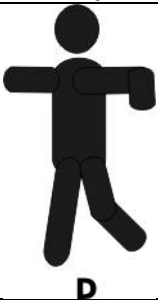



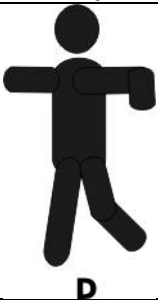



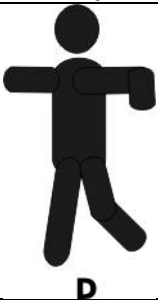
SET 23 –CLASS VIII-SCIENCE

S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option – A, B, C, D)												
1.	1_3 Science 6691	Chapter 16 Light	How will the figure shown here look if seen through the rear view mirror of a car?		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;">  A </td> <td style="text-align: center;">  B </td> <td style="text-align: center;">  C </td> <td style="text-align: center;">  D </td> </tr> </tbody> </table>						Answer Options				Option A	Option B	Option C	Option D	 A	 B	 C	 D
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 A	 B	 C	 D														
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option – A, B, C, D)												

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2.	0_0 Science 9090	Chapter 16 Light	Four students, P, Q, R and S are standing in front of a mirror facing it. Their positions, as seen from the top, are shown below. Which of these students can see Q as well as Q's reflection in the mirror?	<p style="text-align: center;">Reflection of R</p> <p style="text-align: center;">Mirror</p> <p style="text-align: center;">P Q R S</p>	B												
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Answer Options																	
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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)												
3.	1_3	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												

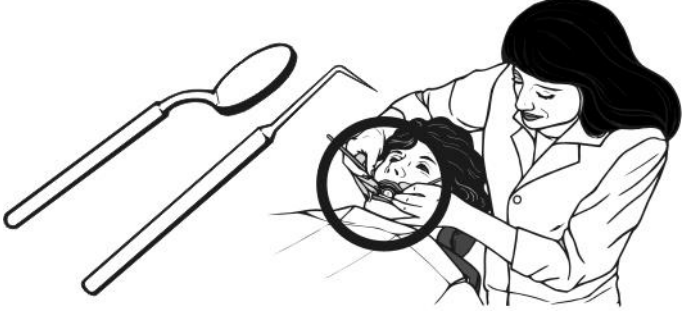
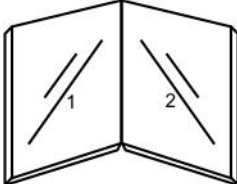
SET 23 –CLASS VIII-SCIENCE

	Science 6685	<table border="1" style="width: 100%; border-collapse: collapse;"> <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> <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> </table>				Answer Options				Option A	Option B	Option C	Option D				
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4.	1_3 Science 7379	Chapter 16 Light	When light is reflected from a smooth surface, the angle of incidence must be equal to the angle of reflection." Under which of the following situations is the above statement true?"		A												
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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)
5.	1_3 Science 7389	Chapter 16 Light	When we see with only one eye (by covering the other eye with our hands), what is the difference in what we see?			C
Answer Options						
		Option A	Option B	Option C	Option D	
		There is no difference.	We cannot distinguish colours.	We cannot distinguish depths.	We cannot distinguish heights.	
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)		Correct Answer (Option – A, B, C, D)

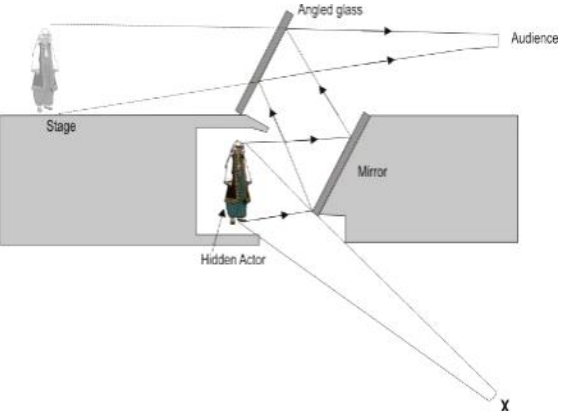
SET 23 –CLASS VIII-SCIENCE

6.	1_3 Science 7399	Chapter 16 Light	Shown here is the curved steel rod with a mirror attached to the end of it, that dentists use to examine our teeth. Identify the kind of mirror which is used in this instrument.		A										
		<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 style="text-align: center;">Concave mirror</td> <td style="text-align: center;">Convex mirror</td> <td style="text-align: center;">Plane mirror</td> <td style="text-align: center;">Spherical mirror</td> </tr> </tbody> </table>				Answer Options				Option A	Option B	Option C	Option D	Concave mirror	Convex mirror
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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)										
7.	1_3 Science 7390	Chapter 16 Light	Two plane mirrors are inclined towards each other as shown in the figure. An object is placed between them. Which of the following is true about the images that will be formed?		B										

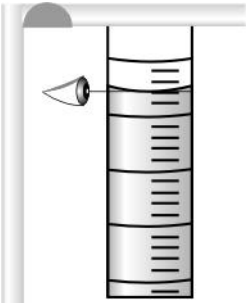
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		Answer Options			
		Option A	Option B	Option C	Option D
		Two images of the object are formed, one in each mirror.	The number of images will depend on the angle between the mirrors.	The number of images will depend on the length of the mirrors.	The number of images will be determined by how big the object is.
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option – A, B, C, D)
8.	1_3 Science 7413	Chapter 16 Light	A RED coloured object in GREEN light looks BLACK because it absorbs all the green light. In BLUE light, how would a YELLOW object look?		D
		Answer Options			
		Option A	Option B	Option C	Option D
		Red	Magenta	White	Black

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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.	1_3 Science 7414	Chapter 16 Light	Among RED, GREEN and BLUE, which colours would be ABSORBED by a CYAN object?		A											
		<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 style="text-align: center;">Red</td> <td style="text-align: center;">Green</td> <td style="text-align: center;">Blue</td> <td style="text-align: center;">Yellow</td> </tr> </tbody> </table>				Answer Options				Option A	Option B	Option C	Option D	Red	Green	Blue
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10.	3_17 Science 1906	Chapter 16 Light	The arrangement shown below was used in 19th century theatres to create images of ghosts that could appear and disappear at will. What should be placed at X for the trick to work?		A											

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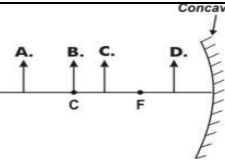
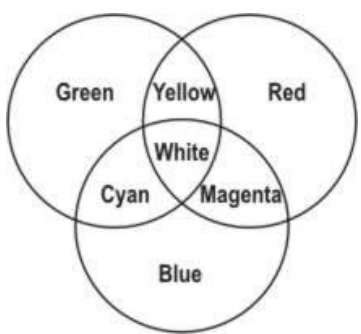
		Answer Options			
		Option A	Option B	Option C	Option D
		a light source	a mirror	another actor	a lens
S.N	Folder Number & Question Code	Topic	Question With Answers Options	Image (If Any)	Correct Answer (Option – A, B, C, D)
11.	4_23 Science 9083	Chapter 16 Light	Shakuntala takes some amount of water in a measuring cylinder and reads the value keeping her eye at the level of water. Then she adds a little more water. For measuring the new level of water, she should		B
		Answer Options			
		Option A	Option B	Option C	Option D
		keep her eye at the same level	raise the level of her eye	lower the level of her eye	(Re-read the first level correctly)
12.	1_3	Chapter 16 Light	When light is reflected from a smooth surface, the angle of incidence must be equal to the angle of reflection." Under which of the following		A

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	Science 7379		situations is the above statement true?"														
<table border="1" style="width: 100%; border-collapse: collapse;"> <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> <tr> <td>It is always true.</td> <td>It is true only if the surface is CONCAVE or PLANE.</td> <td>It is true only if the surface is made of GLASS.</td> <td>It is true only if the surface is PLANE.</td> </tr> </table>					Answer Options				Option A	Option B	Option C	Option D	It is always true.	It is true only if the surface is CONCAVE or PLANE.	It is true only if the surface is made of GLASS.	It is true only if the surface is PLANE.	
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13.	4_24 Science 10316	Chapter 16 Light	Which box(es) of the table would best represent an image formed by a plane mirror?	Use the table given below to answer the question. <table border="1" style="margin: 10px auto; border-collapse: collapse;"> <tr> <td></td> <td style="text-align: center;">Real</td> <td style="text-align: center;">Virtual</td> </tr> <tr> <td style="text-align: center;">Larger</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> </tr> <tr> <td style="text-align: center;">Same size</td> <td style="text-align: center;">3</td> <td style="text-align: center;">4</td> </tr> <tr> <td style="text-align: center;">Smaller</td> <td style="text-align: center;">5</td> <td style="text-align: center;">6</td> </tr> </table>		Real	Virtual	Larger	1	2	Same size	3	4	Smaller	5	6	C
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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)
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14.	4_24 Science 10317	Chapter 16 Light	If the image formed by a concave mirror (shown in the figure) fits into Box 1 of the table given above then the object is placed at _____ .	 <p style="text-align: center;">Concave Mirror</p> Use the table given below to answer the question. <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Real</th> <th style="text-align: center;">Virtual</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Larger</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> </tr> <tr> <td style="text-align: center;">Same size</td> <td style="text-align: center;">3</td> <td style="text-align: center;">4</td> </tr> <tr> <td style="text-align: center;">Smaller</td> <td style="text-align: center;">5</td> <td style="text-align: center;">6</td> </tr> </tbody> </table>		Real	Virtual	Larger	1	2	Same size	3	4	Smaller	5	6	C
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15.	4_24 Science 10344	Chapter 16 Light	Any three colours of light, which produce white light when combined with the correct intensity, are called PRIMARY COLOURS of light. (Red, Green and Blue) Colours produced by the addition of equal intensities of two primary colours of light are called SECONDARY COLOURS of light. (Yellow, Cyan and Magenta) Any two		D												

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			<p>colours of light, which produce white when combined, are said to be COMPLEMENTARY COLOURS of each other. Study the figure given here and answer the following question. Which of the following colours is a complementary colour of 'BLUE'?</p>														
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