STD 8 - SCIENCE

3.LIGHT

I. CHOOSE THE BEST ANSWER

1. _____ are used in vehicles as rear-view mirrors.

a. concave mirrors b. convex mirrors c. parabolic mirrors d. plane mirrors

2. If the angle of incident is 30^0, then the angle of reflection is _____

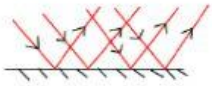
a. 40^0 b. 50^0 c. 30^0 d. 60^0

3. ENT doctors use _____

a. concave mirrors b. convex mirrors c. parabolic mirrors d. plane mirrors

4. The formation of rainbow is an example of _____of white light.

a. regular reflection b. refraction c. irregular reflection d. dispersion

5.  This picture resembles _____

a. regular reflection b. refraction c. irregular reflection d. dispersion

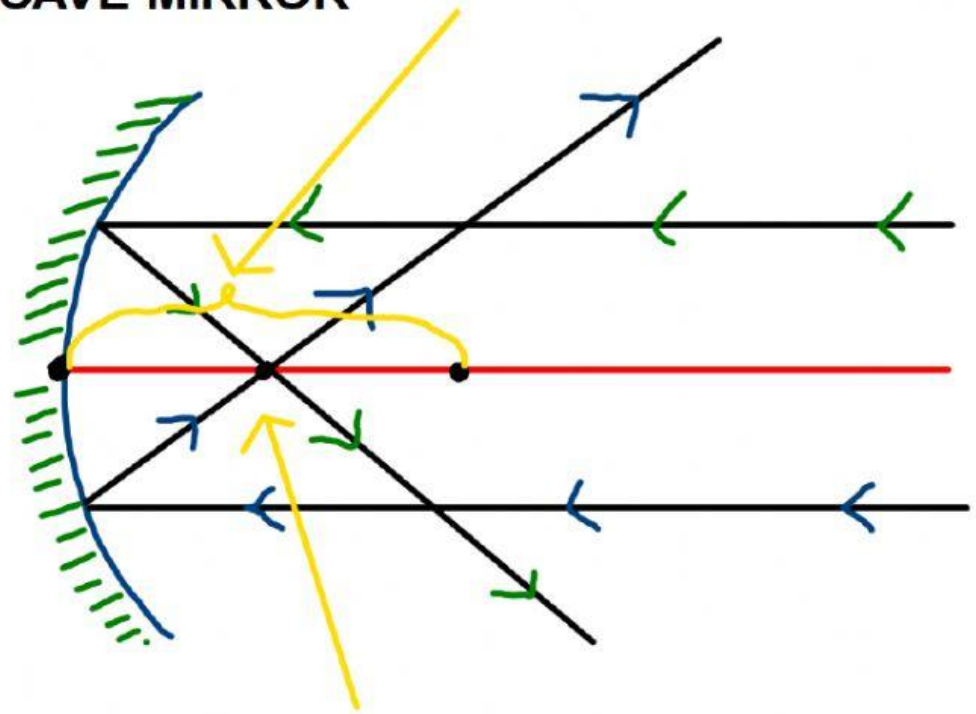
II. MATCH THE FOLLOWING

6. Snell's law	a. Inverted
7. Speed of light in vacuum	b. Erect
8. Real image	c. 3×10^8 m/s
9. Virtual image	d. 1.33
10. Refractive index of water	e. Refraction

LIVEWORKSHEETS

III. DRAG THE TERM AND DROP INTO SUITABLE PLACE

CONCAVE MIRROR



Principle axis Focus Radius of curvature

Pole Centre of curvature

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LIVEWORKSHEETS