


STD 8 - SCIENCE

3.LIGHT

I. CHOOSE THE BEST ANSWER

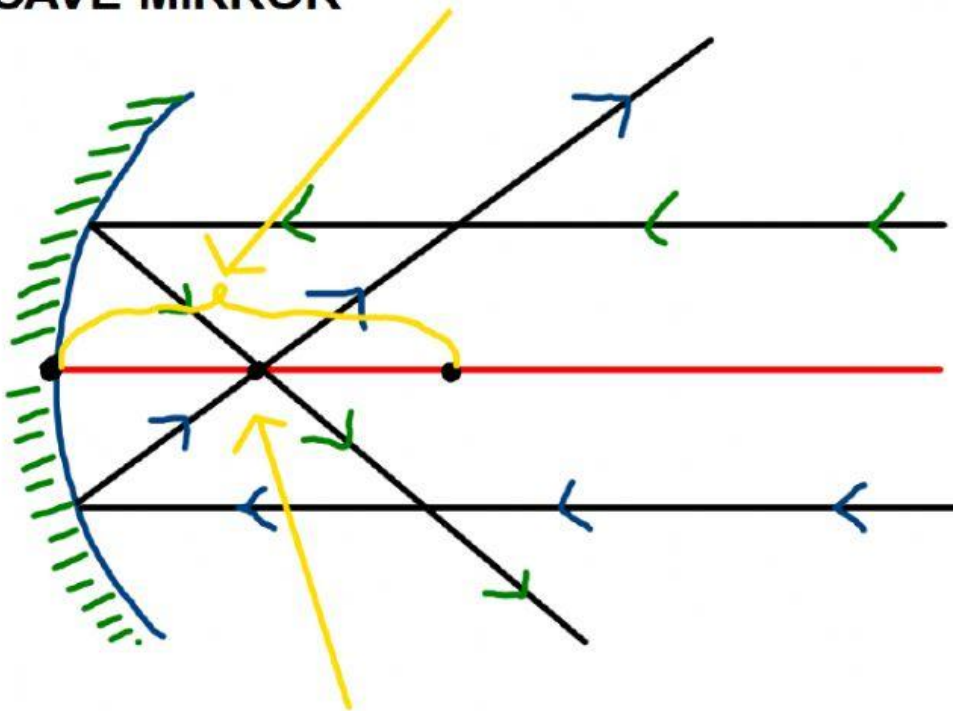
1. _____ are used in vehicles as rear-view mirrors.
a. concave mirrors b. convex mirrors c. parabolic mirrors d. plane mirrors
2. If the angle of incident is 30^0 , then the angle of reflection is _____.
a. 40^0 b. 50^0 c. 30^0 d. 60^0
3. ENT doctors use _____.
a. concave mirrors b. convex mirrors c. 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 |

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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