

c) Enlarged and real

d) Diminished and inverted

9. A convex mirror is often used as a rear-view mirror because:

a) It produces a real, inverted image

b) It produces an enlarged image

c) It has a wide field of view

d) It reflects all light back to the source

10. The speed of light is highest in:

a) Water

b) Air

c) Glass

d) Diamond

Answers for Set 1:

1-c) It bounces back,

2-c) Convex mirror ,

3-b) Converge at a point ,

4-a) In front of the mirror,

5-b) Concave mirror,

6-b) Convex lens ,

7-c) $R = 2f$,

8-b) Virtual and erect,

9-c) It has a wide field of view,

10-b) Air