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SERIES - 1

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**Important Questions
for Chhattisgarh
Board Exam ‘2021’**

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CLASS – 10th

SUBJECT-SCIENCE

“Light – Reflection and Refraction From Plane Surface”

2 Marks Questions.

1. Give two examples of reflection in daily life.
2. Write two characteristics of virtual image?
3. What is Refraction / Reflection?
4. What is a mirror? Write their types.
5. What do you understand by critical angle?

3 Marks Question:

6. Write the law of Reflection /Refraction?
7. How can you distinguish the plane mirror, concave mirror and convex mirror by only watching the image.
8. How can you distinguish plane mirror, concave mirror and convex mirror by touch.

4 Marks Questions:

9. Write difference between Real image and virtual image.

5 Marks Questions:

10. Clear the difference between absolute refractive index of a medium and relative refraction index of two mediums. What in the relation between them?
11. If The refractive index of glass and water is $\frac{3}{2}$ and $\frac{4}{5}$ respectively, then calculate the ratio of speed of light in glass and in water.
12. What is theory of reversibility.