

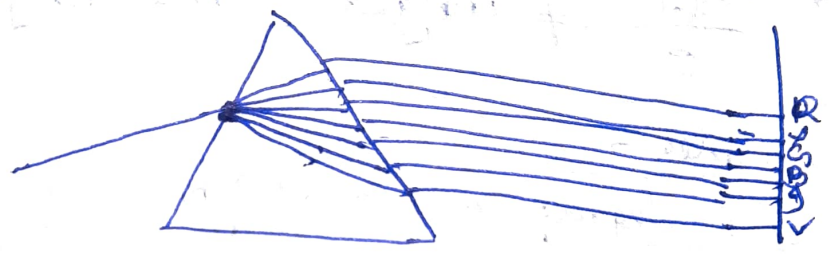
Ex

18) What do you mean by term dispersion?

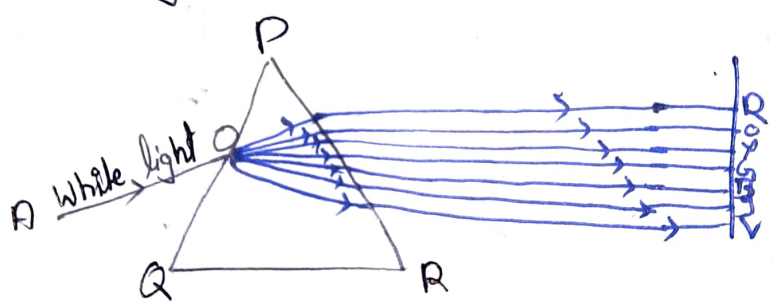
ans) The splitting of white light into seven colours when passed through a glass prism is known as dispersion.

19) A ray of white light falls on a prism. Draw a ray diagram to show that the prism disperses the white light.

ans)



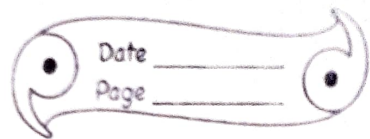
20) Complete the diagram



21) What do you understand by term spectrum? Name the various colours present in the spectrum of sunlight.

ans) Spectrum is the coloured band obtained on a screen on passing the white light through a prism.

- Seven colours are produced.
- Violet
 - Indigo
 - Blue
 - Green
 - Yellow
 - Orange
 - Red



obtained from

29) What would be colour of a disc with seven colours of spectrum when rotated rapidly?

ans → If the disc will be rotated rapidly, a white colour is observed.