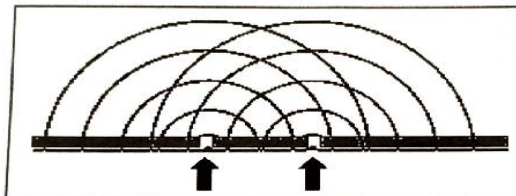


**RATU NAVULA COLLEGE****YEAR 12 PHYSICS WORKSHEET 4 QP**

- Attempt all questions in your exercise books.

FY12CE 2020

1. The diagram given below shows the pattern produced by a wave after passing through a barrier with two slits.



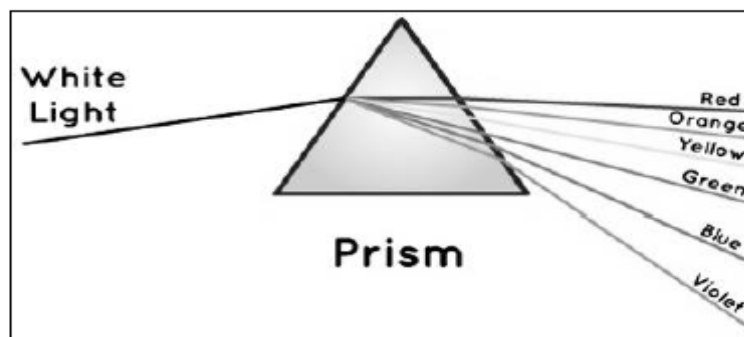
This property of waves depicted by the diagram is

- |                |                  |
|----------------|------------------|
| A. diffusion.  | C. interference. |
| B. refraction. | D. dispersion.   |

2. State a phenomenon that supports the particle nature of light.

FY12 SAMPLE 2020

The diagram shows white light passing through a glass prism.



This property of waves is called

- |                 |
|-----------------|
| A. diffusion.   |
| B. dispersion.  |
| C. refraction.  |
| D. diffraction. |