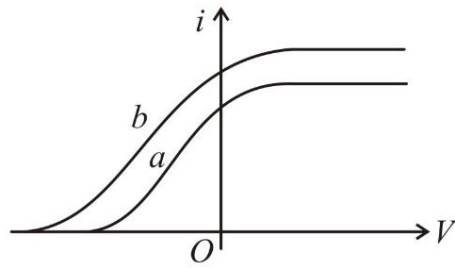


- 24** The figure shows the variation of the photoelectric current i with voltage V between the electrodes in a photocell for two different radiations.



If I_a and I_b are the intensities of the incident radiation, and f_a and f_b their respective frequencies, then:

- | | | | |
|----------|------------------------|----------|------------------------|
| A | $I_a > I_b, f_b < f_a$ | B | $I_a < I_b, f_b > f_a$ |
| C | $I_a > I_b, f_b = f_a$ | D | $I_a < I_b, f_b < f_a$ |