



Physics Problem of the Day

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Class XII — Ray Optics

A biology student uses a convex lens of focal length 20 cm to project the enlarged image of a microscopic specimen on a screen placed 60 cm from the lens. Determine:

- Position of the specimen
- Magnification produced

Given:

- Focal length, $(f = +20\text{ cm})$
- Image distance, $(v = +60\text{ cm})$

Show Solution