



PHYSICS

BOOKS - SANTRA PHYSICS (BENGALI ENGLISH)

LIGHT

Mcq

1. The focal-length of a spherical mirror of radius of curvature 20cm is

A. a) 5 cm

B. b) 10 cm

C. c) 20 cm

D. d) 40 cm

Answer:



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2. What will be the angle of incidence when a ray of light passes through the centre of curvature of a concave mirror?

A. 45°

B. 90°

C. 0°

D. 180°

Answer:



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3. The speed of light in air is

A. a) $3 \times 10^8 \text{ cm / s}$

B. b) $3 \times 10^8 \text{ mm} / \text{s}$

C. c) $3 \times 10^8 \text{ km} / \text{s}$

D. d) $3 \times 10^8 \text{ m} / \text{s}$

Answer:



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Very Short Answer Type Questions

1. What is the unit of refractive index ?



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2. What colours make up white light ?



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Short Answer Type Questions

1. Give two uses of concave mirrors.



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2. State the laws of refraction of light.



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3. Explain why a convex lens is called a converging lens.



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