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PHYSICS

BOOKS - HT Olympiad Previous Year Paper

SAMPLE PAPER 4 (CLASS 10)

Section C Science

1. If the radius of curvature of a convex mirror is 4.00 m. What will be the focal length of the

mirror?

A. $+4m$

B. $-4m$

C. $+2m$

D. $-2m$

Answer: C

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2. If the mass of a person on the Earth is 84 kg, what will be his mass on the moon?

A. 84 Kg

B. 42 Kg

C. 28 Kg

D. 14 Kg

Answer: A

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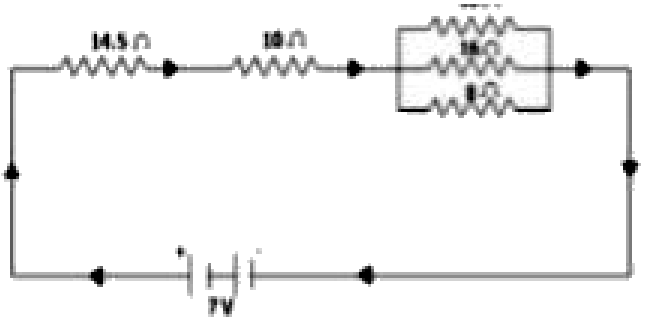
3. Examine the given circuit and calculate the total resistance in the circuit.



A. 28.1 ohm

B. 4 ohms

C. 28.1 Ampere

D. None of these

Answer: D

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4. Which of the following is an ore?

A. Haematite

B. Bauxite

C. Magnetite

D. All of these

Answer: D

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