



PHYSICS

BOOKS - BETTER CHOICE PUBLICATION

HUYGENS' PRINCIPLE

VERY SHORT ANSWER TYPE QUESTIONS

1. Define wavefront and a ray.



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VERY SHORT ANSWER TYPE QUESTIONS (MOST EXPECTED QUESTIONS)

1. The shape of wave front emitted by a light source in the form of a narrow slit is



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2. What is the phase difference between any two points on a wavefront?



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3. When a wave is reflected from a denser medium, the change in phase is:



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SHORT ANSWER TYPE QUESTIONS

1. With the help of a diagram, explain the Huygens' principle for the propagation of light in a medium.



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2. State Hugen's principle and verify the laws of reflection of light using this principle.



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3. State Hugen's principle and verify the laws of reflection of light using this principle.



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4. State Huygen's principle of propagation of light and prove the laws (Snell's law) of refraction on its basis.



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LONG ANSWER TYPE QUESTIONS

1. State Huygen's principle of propagation of light and prove the laws (Snell's law) of refraction on its basis.



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2. What is Huygen's principle?



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3. What is Huygen's principle?



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4. Verify the laws of reflection using Huygen's wave principle.



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5. State and explain Huygen's principle.



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6. What is Huygen's principle?



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7. State Huygen's principle of propagation of light and prove the laws (Snell's law) of refraction on its basis.



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8. State Hugen's principle and verify the laws of reflection of light using this principle.



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9. State Huygen's principle of propagation of light and prove the laws (Snell's law) of refraction on its basis.



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10. State Hugen's principle and verify the laws of reflection of light using this principle.



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11. Using Huygens theory, verify the law of reflection?



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