



# PHYSICS

## BOOKS - NAVNEET SCIENCE (HINGLISH)

### EXPLANATION AND GIVING CONCEPTS

#### Heredity And Evolution

1. Geographical and reproductive isolation of organisms gradually leads to speciation.

This statement is based on the concept of speciation.



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2. Among different chordates there are embryological evidences.



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3. Human evolution began approximately 7 crore years ago.



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## Environmental Management

1. Explain the statement - 'We have got this Earth planet on lease from our future generations and not as an ancestral property from our ancestors.'



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## Towards Green Energy

1. Explain with diagram step-by-step energy conversion in:

Thermal power plant :



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2. Explain with diagram step-by-step energy conversion in:

Nuclear Power Plant :



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3. Explain with diagram step-by-step energy conversion in:

Hydroelectric power plant :



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4. Explain with diagram step-by-step energy conversion in:

Solar thermal power plant :



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5. Explain with diagram step-by-step energy conversion in:

Power plant based on natural gas :



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6. Explain with diagram step-by-step energy conversion in:

Power plant based on wind energy :



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7. Explain the following sentences:

Energy obtained from fossil fuels is not green energy.



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8. Explain the following sentences:

Saving energy is the need of the hour.



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1. What is the exact difference between grades of organization and symmetry? Explain with examples.



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2. To which phylum does Cockroach belong? Justify your answer with scientific reasons.



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