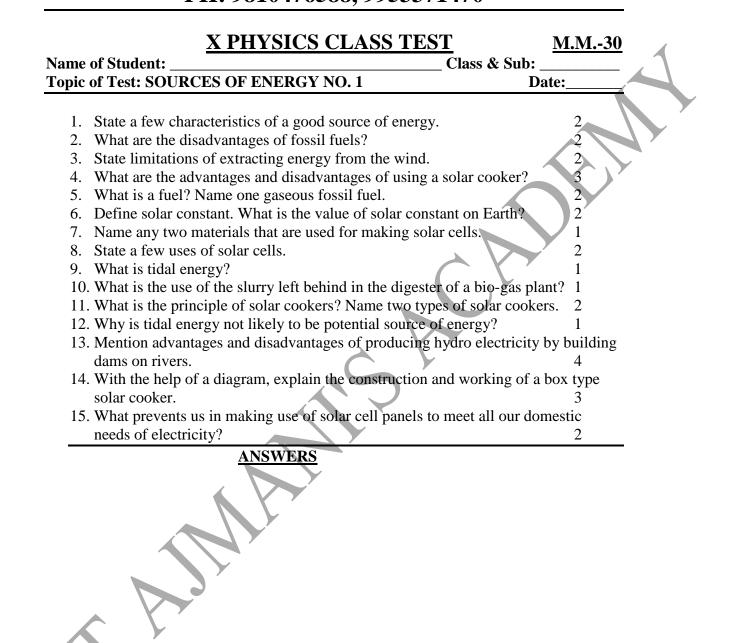
AMIT AJMANI'S ACADEMY D-16/82, SECTOR-7, ROHINI PH: 9810476588, 9953371470



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X PHYSICS CLASS TEST

M.M.-30 Class & Sub:

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1 2

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2

Name of Student: **Topic of Test: SOURCES OF ENERGY NO. 2**

Date:

- 1. What kind of mirror-concave, convex or plain-would be best suited for use in a solar cooker? Why?
- 2. What is geothermal energy?
- 3. What are the advantages of nuclear energy?
- 4. Why is use of wood as a fuel not advised, although forests can be replenished?
- 5. What are solar cells? Briefly describe a silicon solar cell.
- 6. What are the advantages of geothermal energy?
- 7. What are the advantages of bio-gas over other traditional fuels?
- 8. What are the main hazards of nuclear power generation?
- 9. Name three forms in which energy from oceans is made available for use. What are OTEC power plants? How do they operate? 4
- 10. State the advantages of obtaining bio-gas from animal dung and bio-wastes.3 3
- 11. Why dams made on rivers for generating electricity are criticized?
- 12. Write a short note on green house effect.
- 13. State the various limitations in using solar cells and other solar heating devices.2
- 14. Define renewable and non renewable sources of energy with 2 egs. of each.3 1
- 15. Name the main constituent of bio-gas.

ANSWERS