

India's Number 1 Education App

PHYSICS

BOOKS - BAL BHARTI

OBSERVING SPACE: TELESCOPES

Exercises Fill In The Blanks With The Proper Words

1. Choose the correct alternative and write it along with its allotted alphabet.

The wavelength of visible light is between......

to.....



2. Choose the correct alternative and write it

along with its allotted alphabet.

GMRT is used for.....waves.

A. electric

B. radio

C. magnetic

D. none of the above





3. Choose the correct alternative and write it along with its alloted alphabet.A certain X-ray telescope is named after

scientist....

A. Subramanian chandrashekhar

- B. Homi sarabhai
- C. vikram sarabhai
- D. Jayant Narlikar

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4. Choose the correct alternative and write it

along with its allotted alphabet.

The first scientist to use a telescope for space

observation was.....

A. Newton

B. Arkimedi

C. Galileo

D. Lamarck



5. Choose the correct alternative and write it

along with its allotted alphabet.

The biggest optical telescope in India is situated at....

A. Pune

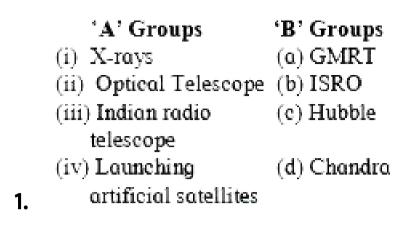
B. Nainital

C. Dehradun

D. Solapur

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Exercises Form Pairs



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1. Answer the following question:

What are the difficulties in using ground

based optical telescope? How are they

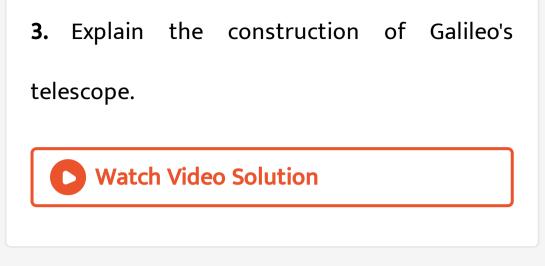
overcome?



2. Diagram based question:

Which type of telescopes can be made using a concave mirror, convex mirror, plane mirror and a lens? Draw diagrams of these telescopes.





4. Answer the following question:

Explain the construction of a radio telescope.

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5. Answer the following question:

Why are optical telescope located in

uninhabited places on mountains?



6. Answer the following question:

Why can an X-ray telescope not be based on

the earth?

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