



PHYSICS

BOOKS - NAVNEET PUBLICATION

PROPERTIES OF A MAGNETIC FIELD

Question Bank

1. In which direction does a freely suspended magnet settle?



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2. What are the names given to the two ends of a magnet? Why are they named thus?



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3. Which metals are used for making magnets?



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4. What are the characteristics of magnets?



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5. Can you tell?

Why does a freely suspended magnet always settle in the north-south direction?



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6. Can you tell? Exothermic processes.



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7. Fill in the blanks with the appropriate words:

The alloys called _____ and _____ are used for making industrial magnets.



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8. Fill in the blanks with the appropriate words:

A magnetic field can pass through _____ and _____.



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9. Fill in the blanks with the appropriate words:

The real test of a magnet is _____



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10. Fill in the blanks with the appropriate words:

A magnetic field can pass through _____ and _____.



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11. Fill in the blanks with the appropriate words:

The real test of a magnet is _____



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12. Fill in the blanks with the appropriate words:

The real test of a magnet is _____



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13. State whether the followings are true or false:

Magnetic lines of force are invisible.



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14. State whether the followings are true or false:

As the tension in the stretched wire is decreased, the pitch of the sound increases.



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15. Answer the following questions:

Distinguish between the two methods of making an artificial magnets.



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16. Answer the following questions:

Which substances are used for making electromagnets?



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17. Answer the following questions:

Write a note on 'magnetic field'.



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18. Answer the following questions:

Why is a magnetic needle used in a compass?



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19. Answer the following questions:

Explain with the help of a diagram how the intensity and direction of the magnetic field of a bar magnet can be determined.



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20. Answer the following questions:

Give detailed information about how the merchants of olden times used a magnet while travelling.



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21. Answer the following questions:

Write any four properties of magnetic lines of force.



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22. Answer the following questions :

State any two uses of an AC generator.



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23. Answer the following questions:

Which pole of the magnetic sphere would be attracted to the south pole of the bar magnet?



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24. Answer the following questions:

What is wave?



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25. Answer the following questions:

How can an electromagnet be made?



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26. Use your brain power! Which soil is suitable for cultivation? why?



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27. Answer the following questions orally:

Is magnetic force a vector or a scalar quantity?



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28. Use your brain power!

What is meant by magnetic force?



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29. Use your brain power!

How does a magnetic force act without direct contact?



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30. Use your brain power!

What is the difference between gravitational force and magnetic force?



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31. Use your brain power!

Why is repulsion the real test for identifying a magnet?



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32. Use your brain power!

How will you find a magnet from among the various articles given to you?



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33. Answer the following Question:

Make a list of electric appliances used at your home. Mention in which appliance, permanent magnet or electromagnet is used.



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34. Answer the following Question:

Where and how are magnets used in our houses and our surroundings?



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35. Answer the following questions orally:

Magnetism generated by which method, single-touch method or double-touch method lasts longer?



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36. Answer the following questions orally:

Who had inferred for the first time that 'the earth is itself a giant magnet'? (or gigantic magnet)



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37. Answer the following questions orally:

Which instrument is used to determine the directions?



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38. Answer the following questions orally:

What are the factors on which the intensity of magnetic field depend upon?



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39. Answer the following questions orally:

Is magnetic force a vector or a scalar quantity?



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