

By. Er. Dharmendra Sir

7974073108, 9584873492

DPM CLASSES

6th to 10th (Math's & Science), 11th & 12th (Physics, Chemistry, Math's)

TEST - PAPER (CBSE/NCERT)

MAGNETIC EFFECT OF ELECTRIC CURRENT

SESSION -2024-25

CLASS - 10th

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Time : 1 hr Magnetic Effects of Electricity Current - min!

Q. 1. Answer in one word/sentence :-

- (i) What is the frequency of AC in domestic circuits in India?
- (ii) Who discovered magnetic effect of current?
- (iii) How many poles does a magnet have?
- (iv) The most important device for protection against damage due to short circuiting or overloading is?
- (v) Write the full form of M.R.T.



Q. 2. Why don't two magnetic lines of force intersect each other?

Q. 3. State Fleming's left hand rule.

Q. 4. Write the names of three sources of direct current.

Q. 5. Define the electric fuse.



Q. 6. Define the galvanometer.

Q. 7. When does short circuiting occur in the electric circuit?

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Q.8. List the properties of magnetic lines of force ?

Q.9. An electric oven of 2 kW is operated in a domestic electric circuit (220V) that has a current rating of 5A. What result do you expect ? Explain.



Q.10. What is Right-hand thumb (Maxwell Corkscrew) rule ?



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