

## Examrace

### Physics MCQs for Competitive Exams Part 1

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**Question:**

Which of the following is not an electromagnetic wave.

1. X-rays
2. Alpha-rays
3. Gamma-rays
4. Light rays

**Question:**

Electromagnetic waves of wave length ranging from  $100\text{\AA}$  to  $4000\text{\AA}$  come under.

1. X-rays
2. UV region
3. Visible region
4. Infra-red region

**Question:**

Electromagnetic theory suggests that the light consists of

1. Magnetic vector alone.
2. Electric vector alone.
3. Electric and magnetic vectors perpendicular to each other.
4. Parallel electric and magnetic vector.

**Question:**

The frequency of radio waves corresponding to a wave length of 10 m is

1.  $3 \times 10^7$  Hz
2.  $3.3 \times 10^8$  Hz
3.  $3 \times 10^9$  Hz

4.  $3 \times 10^{-7}$  Hz

**Question:**

The electromagnetic waves travel with velocity of

1. Sound
2. Light
3. Greater than that of light
4. Greater than that of sound

**Question:**

The existence of EM waves were experimentally confirmed by

1. Maxwell
2. Faraday
3. Hertz
4. Tesla

**Question:**

The back emf in a DC motor is maximum when

1. The motor has picked up maximum speed.
2. The motor has just started moving.
3. The speed of motor is still on increase.
4. The motor has just been switched off.

**Question**

AC measuring instrument measures

1. Peak value
2. Rms value
3. Any value
4. Average value

**Question:**

The Q-factor of a resonant circuit is equal to

1.  $1/CWR$

2. 1WL
3. CWR
4. fCW

## Frequently Asked Questions (FAQs)

### Request Physics question and answer material for secondary competition

( - to...@ on 13-Feb-2020)

#### *1 Answer*

Physics related MCQs have been provided on [NCERT Physics Exemplar Exercise Solutions](#). All the important topics have been covered in MCQs format along with brief explanation for a better understanding of the students.

- to...@ on 13-Feb-2020

### How to study for nda exam

( - vi...@ on 10-Aug-2018)

#### *1 Answer*

For NDA preparation refer <https://www.doorsteptutor.com/Exams/NDA/>

- vi...@ on 10-Aug-2018

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