

## JEE (Main) – Physics Sample Question Paper

<b>Subject</b>	Physics
<b>Total Number of Questions</b>	25
<b>Maximum Marks</b>	100
<b>Time Allowed</b>	60 Minutes

### Marking Scheme (As per JEE Main Pattern)

Each question carries **4 (four) marks**.

**1 (one) mark** will be deducted for each incorrect answer.

No marks will be deducted for unattempted questions.

Only one option is correct for each question.

### Important Instructions

1. This Question Paper consists of **25 Multiple Choice Questions** from **Physics** only.
2. All questions are compulsory.
3. Rough work should be done only in the space provided in the Question Paper.
4. Calculators, mobile phones, smart watches, or any electronic devices are strictly prohibited.

Name of the Candidate (Capital Letters)	
Roll Number	
Examination Centre Name	
Candidate's Signature	Date

Invigilator's Signature







25. Given below are two statements: one is labelled as Assertion A and the other is labelled as Reason R. Assertion A: In photoelectric effect, on increasing the intensity of incident light the stopping potential increases. Reason R: Increase in intensity of light increases the rate of photoelectrons emitted, provided the frequency of incident light is greater than threshold frequency.

A) Both **A** and **R** are true but **R** is NOT the correct explanation of **A**      B) **A** is false but **R** is true

C) **A** is true but **R** is false

D) Both **A** and **R** are true and **R** is the correct explanation of **A**

# JEE MAIN PHYSICS ANSWER KEY

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1. (C)	2. (C)	3. (B)	4. (C)	5. (D)
6. (D)	7. (A)	8. (B)	9. (C)	10. (A)
11. (D)	12. (B)	13. (B)	14. (A)	15. (D)
16. (D)	17. (C)	18. (D)	19. (A)	20. (C)
21. (C)	22. (C)	23. (C)	24. (D)	25. (B)