

PART 1 - PHYSICS

Topic : Units and measurements**SECTION-B : (Maximum Marks : 4)**

This section contains **ONE** question.

The answer to each question is a **NON-NEGATIVE INTEGER**.

For each question, enter the correct integer corresponding to the answer in the place designated to enter the answer.

Answer to each question will be evaluated according to the following marking scheme :

Full Marks : +4 If **ONLY** the correct answer is entered;

Zero Marks : 0 In all other cases.

1. In a new system of units, the units of mass, length, time and current are 5 kg, 5 m, 5 s and 5 A, respectively. If μ_0 and ϵ_0 are the permeability and permittivity of free space, respectively, then in this new system of units, the magnitude of one SI unit of $\sqrt{\mu_0/\epsilon_0}$, is:

[JEE Advanced 2026 Paper 2]

Scan or tap for the
full solution



Space for Rough Work

JEE ADVANCED UNITS AND MEASUREMENTS — SI UNITS, FUNDAMENTAL AND DERIVED UNITS — PYQS

Test Pattern : JEE (Advanced)

ANSWER KEY

SECTION-B																									
Ques.	1																								
Ans.	25																								