

Module-Test-11

(Physics-JEE)

February 21, 2023

Section-A

(One Options Correct Type)

This section contains 20 multiple choice questions. Each question has four choices (A), (B), (C) and (D), out of which ONLY ONE option is correct.

1. This is an objective type problem.

- a) always *Ans.*
- b) only
- c) only
- d) only

Definition:

A function f is a relation between two sets A and B such that for each element x in set A , there is exactly one element y in set B such that the ordered pair (x, y) is in the relation.

Example:

Let $A = \{1, 2, 3\}$ and $B = \{a, b, c\}$. Define a function f from A to B as follows:

$$f(1) = a, f(2) = b, f(3) = c.$$

We can call this function f in the following way:

$$f(2) = b$$

Section-B

(Numerical Answer Type)

This section contains 10 questions. The answer to each question is a NUMERICAL VALUE. For each question, enter the correct numerical value (in decimal notation, truncated/rounded-off to the second decimal place).

Do any 5 questions out of 10 Questions.

21. This is an integer type problem. [0]