



[Time: 3 Hours]

SEM-II / I Diploma Exam 2022 (Even)

Applied Physics-I

(P-2001102)

SEAT NO: \_\_\_\_\_

[Max. Marks: 70]

All questions are compulsory. (सभी प्रश्न अनिवार्य हैं।)

Marks are mentioned on the right side of each question. (प्रश्नों के दाईं ओर अंक बताए गए हैं।)

Group (A) (ग्रुप -A)

Q.1 Choose the most suitable answer from the following options.

(सर्वाधिक उपयुक्त विकल्प को चुनकर लिखें :-)

(1\*20=20)

I. Length cannot be measured in \_\_\_\_\_

(इसे \_\_\_\_\_ से नहीं मापा जा सकता है।)

(a) Fermi (फर्मी)

(b) micron (माइक्रोन)

(c) Debye (डिबाई)

(d) Light Year (लाइट यर)

II.  $ML^2T^{-3}$  in dimensional formulas for \_\_\_\_\_

( $ML^2T^{-3}$  \_\_\_\_\_ की विमा है।)

(a) Force (बल)

(b) Momentum (संवेग)

(c) Power (शक्ति)

(d) Torque (बल गुण)

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