

NEET UNITS AND MEASUREMENTS — SIGNIFICANT FIGURES AND ROUNDING OFF — PYQS

Max. Marks: 12

Questions: 3

Section A (MCQ) — 3 questions

- Q.1** Each side of a metallic cube of mass 5.580 kg is measured to be 9.0 cm. Keeping the significant figures in view, the density of the material of the cube can be best expressed as $X \times 10^3 \text{ kg m}^{-3}$, where the value of X is : [NEET (UG) 2026]
- (1) 7.654 (2) 7.7 (3) 7.65 (4) 7.6

Scan or tap for the
full solution



- Q.2** The area of a rectangular field (in m^2) of length 55.3 m and breadth 25 m after rounding off the value for correct significant digits is [NEET (UG) 2022]
- (1) 138×10^1 (2) 1382
(3) 1382.5 (4) 14×10^2

Scan or tap for the
full solution



- Q.3** Taking into account of the significant figures, what is the value of $9.99 \text{ m} - 0.0099 \text{ m}$? [NEET (UG) 2020]
- (1) 9.98 m (2) 9.980 m (3) 9.9 m (4) 9.9801 m

Scan or tap for the
full solution



ANSWER KEY

Ques.	1	2	3									
Ans.	2	4	1									