

GOVT ITI PERDOOR

MECHANIC ELECTRIC VEHICLE

Q. ID: ITISKILL4186BT | April 2026

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Attempt No.	#1	Completion Time	11:22 AM
Rank	#4	Total Questions	10

8 SCORE

10 MAX MARKS

8 CORRECT

2 INCORRECT

Answer Review

Q1 **CORRECT** What is termed as the quantity of matter contained in a body?

A. Density

B. Volume

C. Mass ☒

D. Specific gravity

Q2 **CORRECT** What is the force with which a body is attracted by the earth towards its centre?

A. Mass

B. Weight ☒

C. Volume

D. Density

Q3 **CORRECT** What is called mass per unit volume of a substances?

A. Mass

B. Weight

C. Density ☒

D. Volume

Q4 **CORRECT** What is called the ratio between the density of a substances density of water at 4 Degree Centigrade?

A. Density

B. Specific gravity ☒

C. Mass

D. Weight

Q5 **CORRECT** What is the density of aluminium?

A. 2.7 g/cm^3 ☒

B. 3.7 g/cm^3

C. 4.7 g/cm^3

D. 5.7 g/cm^3

Q6 **CORRECT** Wha is the mass if the density of a body is 7.6 g/cm^3 and its volume is 25 cm^3 ?

A. 190 grams ☒

B. 200 grams

C. 210 grams

D. 220 grams

Q7 **INCORRECT** What is the specific gravity of the solid, if density of the solid is 19.5 g/cm^3 ?

A. 8

B. 18.5 ☐

C. 19

D. 19.5 ☐

Q8 **CORRECT** What is the density (ρ) in g/cm^3 of an iron cube, if it weighs (W) 4.8 kg and volume (V) is 640 cm^3 ?

A. 6.6 g/cm^3

B. 6.9 g/cm^3

C. 7.2 g/cm^3

D. 7.5 g/cm^3 ☐

Q9 **CORRECT** What is the volume (V) of mercury in cm^3 , if mass (m) of mercury is 1 kg and density (ρ) is 13.6 g/cm^3 ?

A. 73.53 cm^3 ☐

B. 73.43 cm^3

C. 73.33 cm^3

D. 73.23 cm^3

Q10 **INCORRECT** What is the mass in gram, if a force of 15 dynes acting on a mass m producing an acceleration of 2.5 cm/sec^2 ?

A. 9 grams

B. 8 grams ☐

C. 7 grams

D. 6 grams ☐