GOVT ITI PERDOOR

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Q. ID: ITISKILL9635IG | April 2026

76.00% 19 / 25

Student Name	Vishnu prasad	Access Code	3433
Attempt No.	#1	Completion Time	10:35 AM
Rank	#13	Total Questions	25

19 SCORE	**25** MAX MARKS	**19** CORRECT	**6** INCORRECT

Answer Review

Q1 CORRECT What is the formula for speed?

A. Distance covered/Time □

B. Change in velocity/Time

C. Distance in definite direction /Time

D. Change in momentum/Time

Q2 CORRECT What is the unit of speed?

A. Metre/second □

B. Metre/second²

C. Metre/minute

D. Metre/hour

Q3 INCORRECT What is the formula for velocity?

A. Distance covered/Time □

B. Displacement/Time □

C. Change in velocity/Time

D. Change of momentum/Time

Q4 CORRECT What is the unit for velocity?

A. Metre/second □

B. Metre/second²

C. Metre/minute

D. Metre/hour

Q5 CORRECT What is called if a body posses only magnitude or size alone?

A. Speed

B. Velocity

C. Vector quantity

D. Scalar quantity □

Q6 CORRECT What is called if a body posses both magnitude and direction of velocity?

A. Speed

B. Velocity

C. Vector quantity □

D. Scalar quantity

Q7 CORRECT What is the rate of change of displacement of a body?

A. Body at rest

B. Body at motion

C. Speed

D. Velocity □

Q8 INCORRECT What is called if a body does not change its position with respect to its surroundings?

A. Body at motion

B. Body at rest □

C. Speed

D. Velocity □

Q9 CORRECT What is called if a body changes its position with respect to its surroundings?

A. Body at rest

B. Body at motion □

C. Speed

D. Velocity

Q10 CORRECT What is velocity of a body travels a distance of 168 metres in a line in 21 seconds?

A. 6 m/sec

B. 8 m/sec □

C. 10 m/sec

D. 12 m/sec

Q11 INCORRECT What is the speed of a train of 80 metre long train passes a railway station platform of 120 metres length in 20 seconds?

A. 30 km/hour

B. 32 km/hour

C. 34 km/hour

D. 36 km/hour

Q12 INCORRECT What is the formula for acceleration?

A. Metre/second

B. Metre/second²

C. Metre/minute

D. Metre/hour

Q13 CORRECT What is the unit of acceleration of an object?

A. Metre/second

B. Metre/second²

C. Metre/minutes

D. Metre/minutes²

Q14 CORRECT What is the acceleration of a car if the speed of the car has increased from 25 km per hour to 40 km per hour in one minute?

A. 0.059 m/sec²

B. 0.59 m/sec²

C. 0.069 m/sec²

D. 0.69 m/sec²

Q15 CORRECT What is the retardation of a car moving with a velocity of 50 km/hr is brought to rest in 45 seconds?

A. 0.40 m/sec²

B. 0.30 m/sec² □

C. 0.20 m/sec²

D. 0.10 m/sec²

Q16 INCORRECT What is the acceleration of an aeroplane taking off from landing field has to run 700 metres if it leaves the ground in 10 seconds from the start?

A. 8 metre/sec²

B. 10 metre/sec²

C. 12 metre/sec² □

D. 14 metre/sec² □

Q17 CORRECT What maximum height a stone will reach if it is thrown upwords with a velocity of 20m/sec?(g = 10m/sec²)

A. 10 m

B. 20 m □

C. 30 m

D. 40 m

Q18 CORRECT What is the work done in unit time?

A. Energy

B. Power □

C. Force

D. Acceleration

Q19 CORRECT What is the capacity of a body to do work is called?

A. Energy □

B. Power

C. Acceleration

D. Force

Q20 INCORRECT What is the ratio of power output to power input?

A. Work □

B. Energy

C. Efficiency □

D. Acceleration

Q21 CORRECT What is called if a force of 1Newton acts on a body and moves it through a distance of 1 metre?

A. 1 Joule □

B. 10 Joules

C. 1 dyne

D. 10 dynes

Q22 CORRECT How many newtons for 1 kilogram?

A. 981 Newtons

B. 98.1 Newtons

C. 9.81 Newtons □

D. 0.981 Newtons

Q23 CORRECT How many watts for 1 horse power in metric system?

A. 725.5 watts

B. 735.5 watts ✓

C. 745.5 watts

D. 755.5 watts

Q24 CORRECT How many watts for 1 horse power in British system?

A. 726 watts

B. 736 watts

C. 746 watts ✓

D. 756 watts

Q25 CORRECT What is the equivalent unit for 1 horse power in metric system?

A. 75 kg.m/sec ✓

B. 76 kg.m/sec

C. 77 kg.m/sec

D. 78 kg.m/sec