

GOVT ITI PERDOOR

WCS- 01-Jun-2026 02:35 PM

Q. ID: ITISKILL1884AO | May 2026

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Student Name	PRAJWAL	Access Code	0200
Attempt No.	#2	Completion Time	10:22 AM
Rank	#22	Total Questions	20

5 SCORE

20 MAX MARKS

5 CORRECT

15 INCORRECT

Answer Review

Q1 **INCORRECT** 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 **INCORRECT** What is the unit for velocity?

A. Metre/second ☒

B. Metre/second² ☐

C. Metre/minute

D. Metre/hour

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

A. Speed ☐

B. Velocity

C. Vector quantity

D. Scalar quantity ☒

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

A. Speed

B. Velocity

C. Vector quantity ☒

D. Scalar quantity ☐

Q7 **INCORRECT** 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 **INCORRECT** 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 formula for acceleration?

A. Metre/second ☐

B. Metre/second² ☐

C. Metre/minute

D. Metre/hour

Q12 **INCORRECT** What is the unit of acceleration of an object?

A. Metre/second

B. Metre/second² ☐

C. Metre/minutes

D. Metre/minutes² ☐

Q13 **CORRECT** What is the work done in unit time?

A. Energy

B. Power ☐

C. Force

D. Acceleration

Q14 **INCORRECT** What is the capacity of a body to do work is called?

A. Energy ☐

B. Power

C. Acceleration ☐

D. Force

Q15 **INCORRECT** What is the ratio of power output to power input?

A. Work

B. Energy ☐

C. Efficiency ☐

D. Acceleration

Q16 **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

Q17 **INCORRECT** How many newtons for 1 kilogram?

A. 981 Newtons

B. 98.1 Newtons ☐

C. 9.81 Newtons ☐

D. 0.981 Newtons

Q18 **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

Q19 **INCORRECT** How many watts for 1 horse power in British system?

A. 726 watts

B. 736 watts

C. 746 watts ☒

D. 756 watts ☐

Q20 **INCORRECT** 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 ☐