

GOVT ITI PERDOOR

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Q. ID: ITISKILL1884AO | May 2026

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Student Name	Preetham naik	Access Code	2049
Attempt No.	#1	Completion Time	10:28 AM
Rank	#3	Total Questions	20

19 SCORE

20 MAX MARKS

19 CORRECT

1 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 **CORRECT** 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 possesses only magnitude or size alone?

- A. Speed
- B. Velocity
- C. Vector quantity
- D. Scalar quantity ☒

Q6 **CORRECT** What is called if a body possesses 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 **CORRECT** What is the formula for acceleration?

A. Metre/second

B. Metre/second² ☒

C. Metre/minute

D. Metre/hour

Q12 **CORRECT** 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 **CORRECT** What is the capacity of a body to do work is called?

A. Energy ☒

B. Power

C. Acceleration

D. Force

Q15 **CORRECT** 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 **CORRECT** 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 **CORRECT** How many watts for 1 horse power in British system?

A. 726 watts

B. 736 watts

C. 746 watts ☒

D. 756 watts

Q20 **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