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Nits Bossible answers A, B, C and D to each question are

| given. The choice which you think is correct, fill that-circle in

| front of that question with Marker or Pen ink in the answer book.

| cutting or filling two or more circles will result in zero mark in the

| that question.

(a.4} By. dividing displacement of moving body with time

we obtain:

@® Speed ® Acceleration

© Velocity © Deceleration

(2) In which ?of the following state molecules do not leave

their position: .

@® Solid 2g Liquid col

© Gas a

(3) Racing car

ae eir os decreasing their mass

nl

lowering their © decreasing their width

centre of gravity

(@] Which of the following is vector quantity?

_® Speed ® Distance

© Displacement © Power

(8] The orbit speed of a low orbit satellite is:

?® 0 ®* 8ms"

© 800.ms" © 8000ms"

6] In gases heat is mainly transferred by:

Ⓐ Molecular Collision Ⓑ Conduction

Ⓒ Convection Ⓓ Radiation

7] Which of the following is a poor conductor of heat?

Ⓐ Silver Ⓑ Copper

Ⓒ Mercury Ⓓ Glass

8] Which of the following materials has the least friction?

Ⓐ Water Ⓑ Sand Ⓒ Ice Ⓓ Oil

9] A force of 10 N is acting at an angle of 30° with the horizontal. Its horizontal component will be:

Ⓐ 4 N Ⓑ 5 N Ⓒ 6 N Ⓓ 8 N

10] A force of 10 N is acting at an angle of 30° with the horizontal. Its vertical component will be:

Ⓐ 4 N Ⓑ 5 N Ⓒ 6 N Ⓓ 8 N

11] Water freezes at:

Ⓐ 0°C Ⓑ 32°F Ⓒ 273K Ⓓ 0°F

12] The SI unit of power is:

Ⓐ Joule Ⓑ Watt Ⓒ Volt Ⓓ Ohm

13] The SI unit of energy is:

Ⓐ Joule Ⓑ Watt Ⓒ Volt Ⓓ Ohm

14] The SI unit of power is:

Ⓐ Joule Ⓑ Watt Ⓒ Volt Ⓓ Ohm

15] The SI unit of energy is:

Ⓐ Joule Ⓑ Watt Ⓒ Volt Ⓓ Ohm

16] The SI unit of power is: