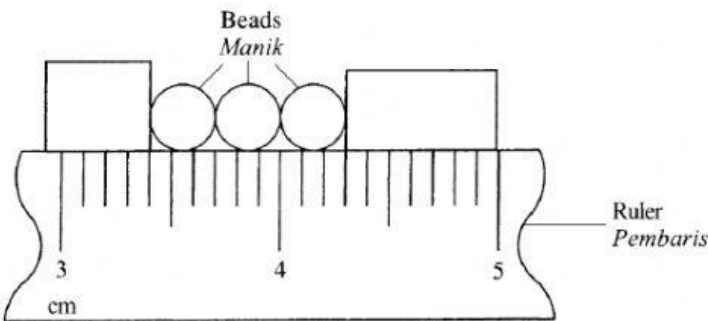


NAMA :		KELAS :																
1.	What is the S.I unit for density? <i>Apakah unit S.I bagi ketumpatan?</i> A g cm^3 B g cm^{-3} C kg m^3 D kg m^{-3}	2.	Which value is equal to 3 500 000 W? <i>Nilai manakah yang sama dengan 3 500 000 W</i> A 3.5 kW B 3.5 MW C 35 kW D 35 MW															
3.	Which pair of physics quantity and SI unit is correct? <i>Pasangan kuantiti fizik dan unit SI manakah yang betul</i> <table border="1"> <thead> <tr> <th></th> <th>Physics quantity <i>Kuantiti fizik</i></th> <th>SI unit <i>Unit SI</i></th> </tr> </thead> <tbody> <tr> <td>A</td> <td>Electric current <i>Arus elektrik</i></td> <td>Ampere <i>Ampere</i></td> </tr> <tr> <td>B</td> <td>Pressure <i>Tekanan</i></td> <td>Newton <i>Newton</i></td> </tr> <tr> <td>C</td> <td>Weight <i>Berat</i></td> <td>kilogramme <i>kilogram</i></td> </tr> <tr> <td>D</td> <td>Force <i>Daya</i></td> <td>Joule <i>Joule</i></td> </tr> </tbody> </table>		Physics quantity <i>Kuantiti fizik</i>	SI unit <i>Unit SI</i>	A	Electric current <i>Arus elektrik</i>	Ampere <i>Ampere</i>	B	Pressure <i>Tekanan</i>	Newton <i>Newton</i>	C	Weight <i>Berat</i>	kilogramme <i>kilogram</i>	D	Force <i>Daya</i>	Joule <i>Joule</i>	4.	Which of the following is a vector quantity? <i>Antara yang berikut, yang manakah kuantiti vektor</i> A Energy <i>Tenaga</i> B Force <i>Daya</i> C Mass <i>Jisim</i> D Speed <i>Laju</i>
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5.	Diagram 1 shows the method of measuring a diameter of a bead. <i>Rajah 1 menunjukkan kaedah mengukur diameter sebiji manik.</i>  Diagram 1 <i>Rajah 1</i> What is the diameter of a bead? <i>Apakah diameter sebiji manik?</i> A 0.3 cm B 0.9 cm C 3.4 cm D 4.3 cm																	
6.	A car travels at a velocity of 84.6 km h^{-1}. What is its velocity in m s^{-1}? <i>Sebuah kereta bergerak dengan halaju 84.6 km h^{-1}. Berapakah halajunya dalam m s^{-1}?</i> A 11.8 B 23.5 C 84.7 D 304.8	7.	The volume of a liquid in a container is 2.5 cm^3. What is the volume of the liquid, in m^3? <i>Isi padu cecair dalam satu bekas adalah 2.5 cm^3. Berapakah isi padu cecair itu, dalam m^3?</i> A 2.5×10^{-2} B 2.5×10^{-6} C 2.5×10^2 D 2.5×10^6															

8

Diagram 2 shows a velocity-time graph. The gradient of the graph represent the acceleration.

Rajah 2 menunjukkan satu graf halaju-masa. Kecerunan graf mewakili pecutan.

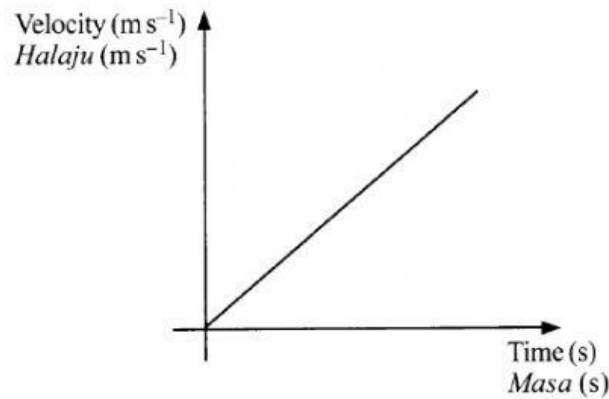


Diagram 2
Rajah 2

Which quantity is the manipulated variable?

Kuantiti manakah adalah pembolehubah dimanipulasikan?

- A Time
Masa
- B Velocity
Halaju
- C Acceleration
Pecutan

9

Table 1 shows the number of goals scored by players K, L, M and N in three matches.

Jadual 1 menunjukkan bilangan gol yang dijaringkan oleh pemain K, L, M dan N dalam tiga perlawanan.

Player Pemain	Match 1 Perlawanan 1	Match 2 Perlawanan 2	Match 3 Perlawanan 3
K	1	3	2
L	3	0	2
M	2	1	2
N	0	1	2

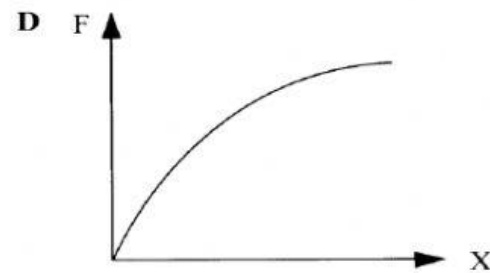
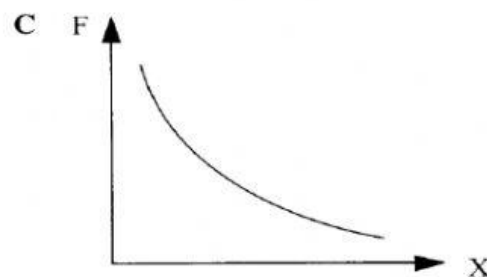
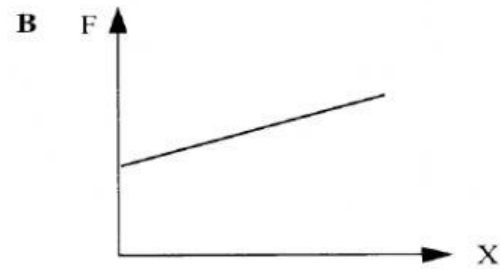
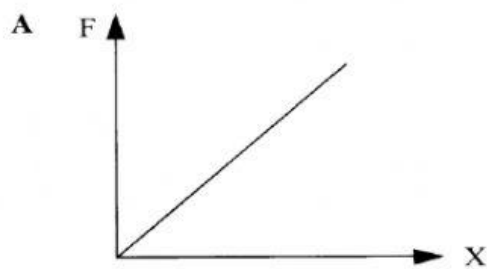
Table 1
Jadual 1

Which player shows consistency?

Pemain manakah yang menunjukkan kepersisan?

- A K
- B L
- C M
- D N

10

Which graph shows that F is inversely proportional to X ?*Graf manakah yang menunjukkan F berkadar songsang dengan X ?*

11

Which quantity is base quantity?

Kuantiti manakah adalah kuantiti asas?

- A** Potential difference
Beza keupayaan
- B** Electric current
Arus elektrik
- C** Electric energy
Tenaga elektrik
- D** Electric power
Kuasa elektrik

12

Which quantity is a vector quantity?

Kuantiti manakah adalah kuantiti vektor?

- A** Mass
Jisim
- B** Energy
Tenaga
- C** Pressure
Tekanan
- D** Momentum
Momentum

13

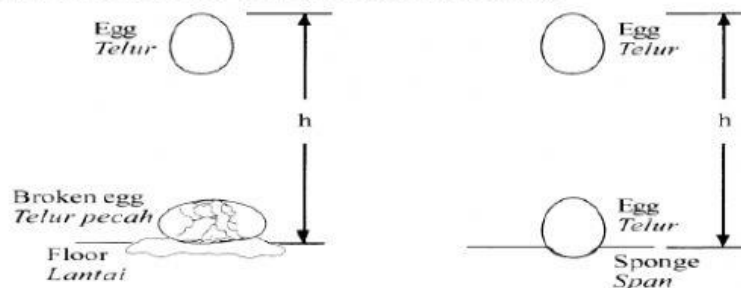
Diagram 1 shows two identical eggs are dropped from the same height, h , onto a floor and a sponge respectively.*Rajah 1 menunjukkan dua biji telur serupa dijatuhkan dari ketinggian yang sama, h , ke atas lantai dan span masing-masing.*

Diagram 1
Rajah 1

Which inference is correct?

Inferens manakah yang betul?

- A** Impulsive force depends on velocity of egg
Daya impuls bergantung kepada halaju telur
- B** Impulsive force depends on time of impact
Daya impuls bergantung kepada masa hentaman
- C** Impulsive force depends on gravitational force
Daya impuls bergantung kepada daya graviti
- D** Impulsive force depends on height of egg
Daya impuls bergantung kepada ketinggian telur

14

Which of the following SI unit is correct for each quantity?

Unit SI manakah yang betul bagi setiap kuantiti?

	Quantity Kuantiti	SI unit Unit SI
A	Mass <i>Jisim</i>	Gram (g) <i>Gram (g)</i>
B	Time <i>Masa</i>	Minute (min) <i>Minit (min)</i>
C	Length <i>Panjang</i>	Centimetre (cm) <i>Sentimeter (cm)</i>
D	Temperature <i>Suhu</i>	Kelvin (K) <i>Kelvin (K)</i>

15

Which of the marks (✓) combination explains the correct scalar quantity or vector quantity?

Gabungan bertanda (✓) manakah yang menerangkan dengan betul kuantiti skalar atau kuantiti vektor?

	Quantity Kuantiti	Magnitude Magnitud	Direction Arah	Base Asas	Derived Terbitan
A	Scalar <i>Skalar</i>	✓		✓	✓
B	Scalar <i>Skalar</i>	✓	✓	✓	
C	Vector <i>Vektor</i>		✓	✓	✓
D	Vector <i>Vektor</i>	✓		✓	✓

16

Systematic error is caused by the

Ralat bersistem disebabkan oleh

- A** position of the eye
kedudukan mata
- B** instrument used
peralatan yang digunakan
- C** mistake in the measuring
kesilapan dalam mengukur
- D** change in the surrounding temperature
perubahan suhu sekeliling