

JAWAPAN

KERTAS MODEL UPSR 1

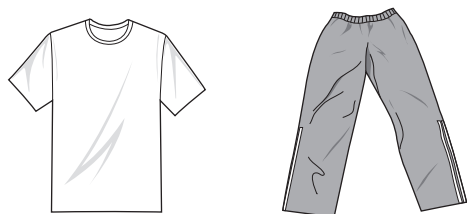
Kertas 1

1 B	2 D	3 B	4 B	5 C
6 C	7 C	8 C	9 A	10 A
11 D	12 D	13 C	14 D	15 A
16 D	17 A	18 C	19 C	20 D
21 C	22 C	23 B	24 B	25 C
26 C	27 A	28 C	29 A	30 C
31 B	32 A	33 C	34 C	35 A
36 A	37 B	38 D	39 B	40 A

Kertas 2

- 1 (a) Burung hantu
Owl
- (b) (i) Kambing
Goat
(ii) Serigala
Wolf
- (c) Sayur-sayurannya dimakan oleh arnab/ Arnab suka makan tumbuhan.
Her vegetables have been eaten by the rabbit/ The rabbit eats plants.

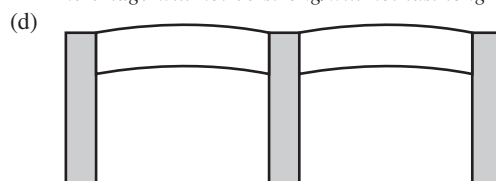
2 (a)



- (b) Kerana baju hujan tidak menyerap peluh
Because the raincoat does not absorb sweat
- (c) 1. Tisu/*Tissue*
2. Tuala/*Towel*
- 3 (a)
- | Paku besi
<i>Iron nail</i> | P | Q |
|--|------------------------------------|--------------------------|
| Kedudukan paku besi
<i>The condition of the iron nail</i> | Tidak berkarat
<i>Not rusty</i> | Berkarat
<i>Rusty</i> |
- (b) Kehadiran air dan udara menyebabkan paku besi berkarat.
The presence of water and air causes the iron nail to rust.
- (c) Jenis paku/*The type of nail*
- (d) ✓ Mengecat pagar tersebut
Paint the gate
- 4 (a) Planet ini berada paling jauh dari Matahari dan mempunyai orbit paling besar yang mengakitkannya mengambil masa paling lama untuk mengelilingi Matahari.
This planet is the furthest from the Sun and has the biggest orbit and thus takes the longest time to orbit the Sun.
- (b) Planet X
- (c) Planet P berada di antara planet X dengan Matahari/
Planet P berada lebih hampir dengan Matahari
Planet P is located between planet X and the Sun/ Planet P is located nearer to the Sun

- (d) X, Y, W, Z
- (e) Planet-planet ini akan berlanggar antara satu sama lain.
The planets will collide with each other.

- 5 (a) Peleburan
Melting
- (b) Ais terdedah kepada haba/Ais menerima haba
The ice cubes are exposed to heat/The ice cubes receive heat
- (c) Letakkan ais di dalam ruang sejuk beku peti sejuk atau bekas penambat haba /Jawapan lain yang munasabah
By putting the ice cubes in the freezer or insulated container/Other acceptable answer
- (d) Gas/Wap air
Gas/Water vapour
- (e) Pembekuan
Freezing
- 6 (a) Menggunakan bahan binaan yang kukuh seperti konkrit
Using strong building materials such as concrete
- (b) Kerana konkrit boleh dibentuk, tidak terbakar, tidak berkarat dan tidak mereput
Because concrete can be moulded, does not burn, does not rust and does not decay
- (c) Binaan jambatan tersebut kurang kukuh/tidak akan tahan lama
The bridge will not be strong/will not last long



(e)



- 7 (a) Kereta A bergerak lebih laju daripada kereta B.
Car A moves faster than car B.
- (b) (i) Jenis kereta
The type of car
(ii) Kelajuan kereta
The speed of the car
- (c) Semakin maju teknologi pembuatan kereta, semakin laju kereta dapat dihasilkan.
The more advanced the technology is in car manufacturing, the faster is the car produced.
- (d) Jarak = Kelajuan × Masa
= 110 km/j × 8 jam
= 880 km
Distance = Speed × Time
= 110 km/h × 8 hours
= 880 km

- 8 (a) Gerhana Bulan
An eclipse of the Moon
- (b) Gerhana Bulan penuh kelihatan
A total eclipse of the Moon appears
- (c) Kerana keseluruhan Bulan berada dalam kawasan gelap penuh
Because the whole Moon is in the area that is in total darkness
- (d) Gerhana Bulan separa
A partial eclipse of the Moon
- (e) Kedudukan lampu suluh
The position of the torch
- (f) Gerhana berlaku apabila Matahari, Bumi dan Bulan berada pada kedudukan sebaris.
An eclipse occurs when the Sun, Earth and Moon are in a straight line.

KERTAS MODEL UPSR 2

Kertas 1

- | | | | | |
|------|------|------|------|------|
| 1 D | 2 B | 3 A | 4 C | 5 D |
| 6 B | 7 D | 8 D | 9 D | 10 A |
| 11 C | 12 A | 13 C | 14 D | 15 A |
| 16 A | 17 B | 18 C | 19 D | 20 A |
| 21 A | 22 A | 23 B | 24 C | 25 A |
| 26 C | 27 D | 28 A | 29 A | 30 A |
| 31 C | 32 A | 33 A | 34 D | 35 B |
| 36 B | 37 A | 38 C | 39 D | 40 B |

Kertas 2

- 1 (a) Ginjal
Kidney
- (b) Air kencing
Urine
- (c) Untuk menyingkirkan bahan buangan yang tidak diperlukan oleh badan
To remove waste products that are not required by the body
- (d) Proses pembuangan tinja daripada badan manusia.
The removal of faeces from the human body.
- 2 (a) (i) Daun semalu menguncup
The leaflets of the mimosa will close up
- (ii) Daun semalu bergerak balas terhadap sentuhan
The mimosa responds to touch
- (b) Daun pokok betik tidak menguncup
The leaves of papaya tree will not close up
- (c) Cahaya
Light
- 3 (a)
- ```

 Padi → tikus
 Paddy → rat
 |
 v
 Padi → belalang → ular → helang
 Paddy → grasshopper → snake → eagle
 |
 v
 Padi → ayam
 Paddy → chicken

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- (b) Padi/Paddy
- (c) Semakin berkurang/Will decrease
- (d) Ayam/Chicken
- 4 (a) Silinder penyukat/Measuring cylinder
- (b) Baca sukatan isi padu susu segar di dalam silinder penyukat.  
*Read the measures of the volume of the fresh milk in the measuring cylinder.*

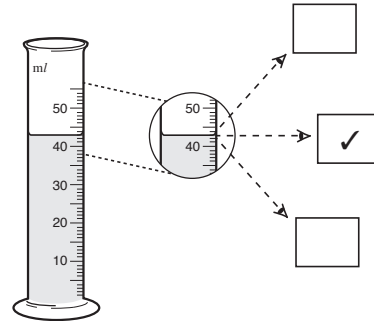
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Letakkan silinder penyukat di atas permukaan yang rata.  
*Put the measuring cylinder on a smooth surface.*

Tuang susu segar ke dalam silinder penyukat dengan berhati-hati.

*Pour the fresh milk into the measuring cylinder carefully.*

(c) (i)



(c) (ii) 43 ml

- 5 (a) (i) Daya tarikan/Pulling force
- (ii) Daya tolakan/Pushing force
- (b) Daya geseran/Frictional force
- (c) Permukaan yang bersentuhan menjadi haus  
*The surface in contact become worn out*
- (d) Almari yang diletakkan di atas troli beroda lebih mudah dialihkan berbanding almari yang dialihkan seperti yang ditunjukkan dalam Rajah 5.1.  
*The cupboard that is placed on a trolley with wheels is easier to move compared to the cupboard moved as shown in Diagram 5.1.*
- 6 (a) (i) Matahari/The Sun
- (ii) Bulan/The Moon
- (b) Matahari : Bumi : Bulan  
Sun : Earth : Moon  
400 : 4 : 1
- (c) Bulan lebih hampir dengan Bumi dan Matahari sangat jauh dari Bumi.  
*The Moon is nearer to the Earth and the Sun is further from the Earth.*
- (d) Bulan memantulkan cahaya dari Matahari ke Bumi.  
*The Moon reflects light from the Sun to the Earth.*
- 7 (a) (i) Gelas J/Glass J
- (ii) Gelas J paling tinggi dan paling kurang stabil.  
*Glass J is the tallest and least stable.*
- (b) (i) Ketinggian gelas/The height of the glass
- (ii) Kestabilan gelas/The stability of the glass
- (c) Meningkat/Increases
- (d) Semakin bertambah ketinggian gelas semakin berkurang kestabilan gelas tersebut.  
*The taller the glass is, the less stable the glass will be.*
- 8 (a) (i) Mikroskop/Microscope
- (ii) Alat bantu pendengaran/Hearing aid
- (b) (i) Untuk melihat objek-objek yang halus  
*To see very small objects*
- (ii) Untuk menambahkan kekuatan bunyi  
*To increase sounds*
- (c) Kapal terbang/helikopter  
*Aeroplane/helicopter*
- (d) Penggunaan jentera yang membebaskan gas-gas beracun yang membahayakan kesihatan manusia.  
*The use of engines can release poisonous gases that are harmful to human health.*