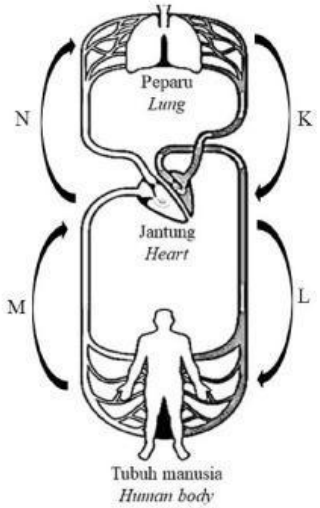
LATIHAN ULANGKAJI AKHIR SEMESTER

SAINS TAHUN 5

LIVEWORKSHEETS

BAHAGIAN A
[10 *markah*]
[10 *marks*]
Jawab semua soalan
Answer all questions

1 Rajah menunjukkan laluan peredaran darah manusia.
Diagram shows the path of human blood circulation.



Antara yang berikut, laluan manakah yang mengangkut darah mengandungi lebih banyak oksigen?
Which of the following pathways carries blood rich in oxygen?

A K dan L
K *and* L

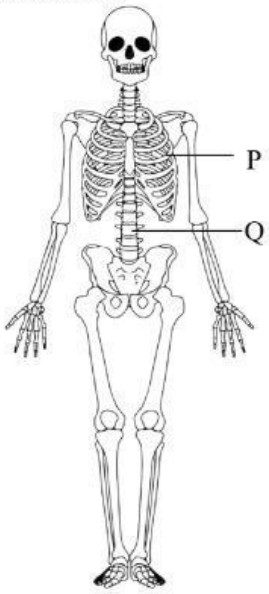
B L dan M
L *and* M

C M dan N
M *and* N

D N dan K
N *and* K

LIVEWORKSHEETS

2 Rajah menunjukkan sistem rangka manusia.
Diagram shows the human skeletal system.



Antara yang berikut, padanan tulang manakah yang betul?
Which of the following bones match correctly?

	P	Q
A	Tulang belakang *Backbone*	Tulang rusuk *Rib*
B	Tulang tangan *Hand bone*	Tulang belakang *Backbone*
C	Tulang rusuk *Rib*	Tulang belakang *Backbone*
D	Tulang rusuk *Rib*	Tulang tangan *Hand bone*

LIVEWORKSHEETS

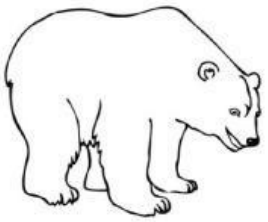
3 Maklumat di bawah berkaitan pencaran biji benih P, Q dan R.
The information below relates to the dispersal of seeds P, Q *and* R.

- Biji benih P dipencarkan oleh angin.
  Seeds P *are dispersed by wind.*
- Biji benih Q dipencarkan oleh air.
  Seeds Q *are dispersed by water.*
- Biji benih R dipencarkan oleh haiwan dan manusia.
  Seeds R *are dispersed by animals and humans.*

Antara yang berikut, biji benih manakah yang mewakili P,Q dan R ?
Which of the following seeds represent P,Q *and* R?

	P	Q	R
A	Buah nipah *Nipah palm fruit*	Buah angsana *Angsana Fruit*	Buah getah *Rubber fruit*
B	Buah angsana *Angsana Fruit*	Buah kelapa *Coconut*	Betik *Papaya*
C	Buah angsana *Angsana Fruit*	Buah nipah *Nipah palm fruit*	Buah getah *Rubber fruit*
D	Betik *Papaya*	Buah kelapa *Coconut*	Buah angsana *Angsana Fruit*

4 Rajah menunjukkan seekor haiwan yang hidup di kawasan yang mempunyai cuaca melampau.
Diagram shows an animal that lives in an extreme weather area.



Bagaimanakah haiwan di atas dapat mengekalkan kemandirian spesiesnya?
How can the above animals maintain the survival of their species?

A Berhibernasi
Hibernate

B Bermigrasi
Migrate

C Cuping telinga yang besar
Large ear lobes

D Bulu pelepah yang pendek dan padat
Short and densed feathers

LIVEWORKSHEETS

5 Rajah menunjukkan biji benih M.
Diagram shows the seed M.

Biji benih M
Seed M

Antara yang berikut, biji benih manakah dipencarkan dengan cara yang sama seperti biji benih M?
Which of the following seeds is dispersed in the same way as seed M?

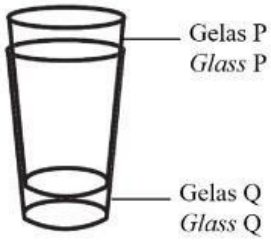
A Dandelion dan kelapa
Dandelion and coconut

B Teratai dan betik
Lotus and papaya

C Dandelion dan kapas
Dandelion and cotton

D Keembung dan pepulut
Garden balsam and burr mallow

6 Rajah menunjukkan dua biji gelas kaca yang melekat dan sukar untuk dipisahkan.
Diagram shows two glasses that stick together and difficult to separate.



Antara yang berikut, tindakan manakah yang dapat memisahkan dua biji gelas kaca tersebut dengan mudah?
Which of the following action can separate the two glasses easily?

A Meletakkan air panas ke dalam gelas kaca P
Put hot water into glass P

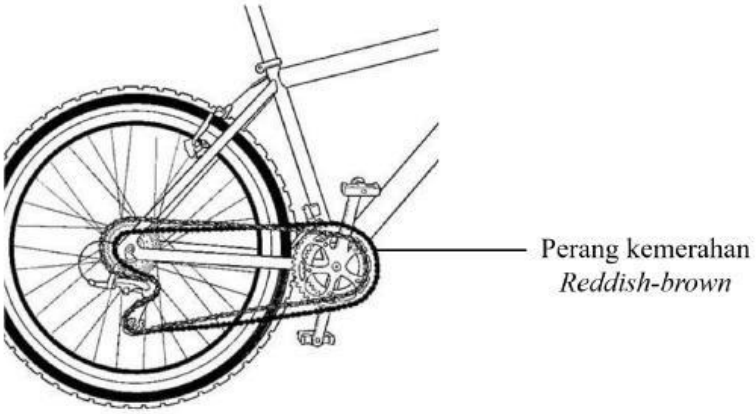
B Meletakkan ais kiub ke dalam gelas kaca P
Put ice cube into glass P

C Merendam gelas P dan gelas Q di dalam air panas
Immersing glass P and Q *in hot water*

D Merendam gelas Q di dalam ais kiub
Immersing glass Q *in ice cube*

LIVEWORKSHEETS

7 Rajah menunjukkan keadaan rantai basikal yang sukar digerakkan dan menghasilkan bunyi yang bising apabila dikayuh.
Diagram shows the condition of a bicycle chain that is difficult to move and produces noises when pedaled.



Apakah cara yang sesuai untuk mengatasi masalah ini?
What is the suitable way to overcome this problem?

A Gosok rantai basikal dengan kertas pasir
Rub the bike chain with sandpaper

B Menyalut rantai basikal dengan plastik
Coating the bike chain with plastic

C Menyapukan gris pada rantai basikal
Applying grease on the bicycle chain

D Menyapukan cat pada rantai basikal
Applying paint on the bicycle chain

LIVEWORKSHEETS

8 Maklumat di bawah berkaitan sifat jirim.
The information below is about the properties of matter.

P	Mempunyai isipadu tetap *Has a fixed volume*
Q	Tidak mempunyai bentuk tetap *Does not have a fixed shape*
R	Tidak mempunyai isipadu yang tetap *Does not have a fixed volume*
S	Bentuk tetap *Fixed shape*

Apakah sifat cecair?
What are the properties of liquids?

A P dan Q
P *and* Q

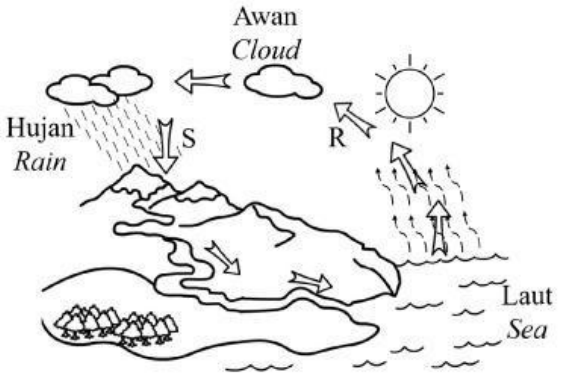
B P dan R
P *and* R

C Q dan S
Q *and* S

D R dan S
R *and* S

LIVEWORKSHEETS

9 Rajah menunjukkan proses kitaran air.
Diagram shows the process of the water cycle.

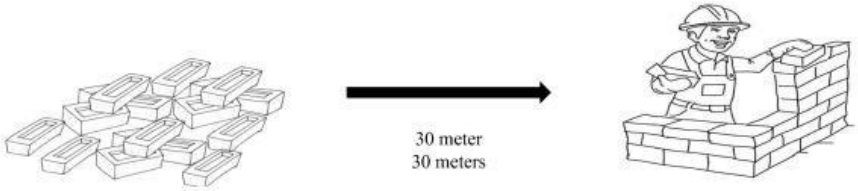


Apakah perubahan keadaan jirim yang terlibat pada proses R dan proses S?
What is the change of state of matter involved in processes R *and* S?

	R	S
A	Pepejal → Cecair *Solid → Liquid*	Gas → Cecair *Gas → Liquid*
B	Gas → Cecair *Gas → Liquid*	Cecair → Gas *Liquid → Gas*
C	Cecair → Gas *Liquid → Gas*	Gas → Cecair *Gas → Liquid*
D	Cecair → Gas *Liquid → Gas*	Pepejal → Cecair *Solid → Liquid*

LIVEWORKSHEETS

10 Rajah menunjukkan situasi seorang pekerja pembinaan.
Diagram shows a situation of a construction worker.



Apakah gabungan mesin ringkas yang dapat memudah dan mempercepatkan pemindahan bata?
What combination of simple machines can facilitate and speed up the transfer of bricks?

A Takal dan gear
Pulley and gear

B Baji dan tuas
Wedge and lever

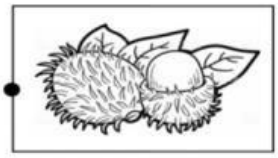
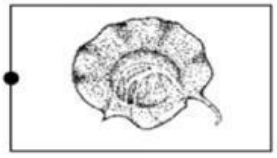
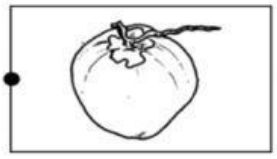
C Roda dan gandar, tuas
Wheel and axle, lever

D Roda dan gandar, gear
Wheel and axle, gear

LIVEWORKSHEETS

BAHAGIAN B
[8 *markah*]
[8 *marks*]
Jawab semua soalan
Answer all questions

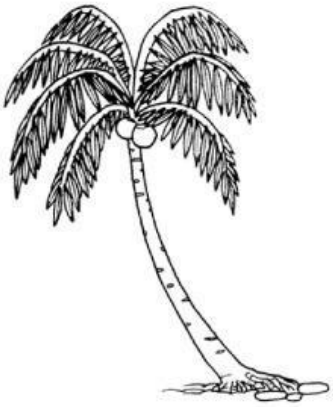
1 (a) Padankan cara pencaran dengan biji benih atau buah yang betul.
Match the ways of dispersal with the correct seeds or fruits.

Cara pencaran *Ways of dispersal*	Biji benih atau buah *Seeds or fruits*
Angin *Wind*	
Haiwan dan manusia *Animals and humans*	
	

[2 *markah*]
[2 *marks*]

LIVEWORKSHEETS

(b) Rajah menunjukkan dua jenis tumbuhan.
Diagram shows two types of plants.



X

Y

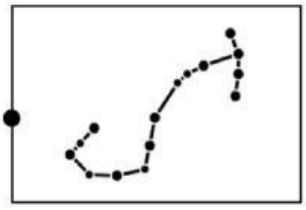
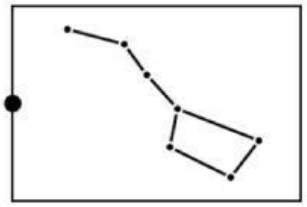
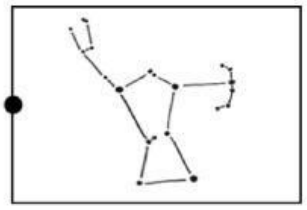
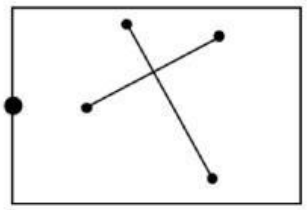
Tuliskan **BETUL** pada **dua** pernyataan yang betul tentang ciri khas tumbuhan X dan Y menyesuaikan diri dengan iklim kawasan pertumbuhannya.
*Write **TRUE** for **two** correct statements about the characteristics of plants* X *and* Y *adapting to the climate of their growing region.*

(i)	Kulit yang tebal *Thick bark*	
(ii)	Batang mudah lentur *Flexible trunk*	
(iii)	Daun berpecah-pecah *Split leaves*	
(iv)	Batang dapat menyimpan air *Stem can store water*	

[2 *markah*]
[2 *marks*]

LIVEWORKSHEETS

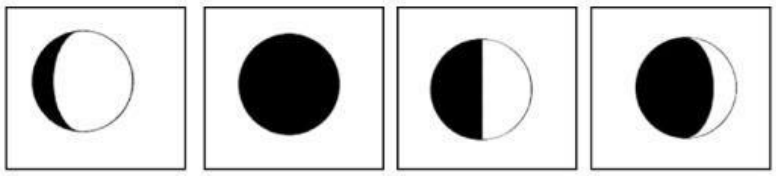
2 (a) Padankan buruj dengan corak buruj yang betul.
Match the constellations with the patterns of the constellation correctly.

Buruj *Constellation*	Corak buruj *Patterns of constellation*
	
Scorpio *Scorpion*	
Belantik *Orion*	
	

[2 *markah*]
[2 *marks*]

LIVEWORKSHEETS

(b) Rajah menunjukkan fasa bulan P, Q, R dan S.
Diagram shows the phases of the moon P, Q, R, *and* S.



P Q R S

Berdasarkan rajah diatas, tuliskan urutan fasa bulan P, Q, R dan S yang betul di ruangan yang disediakan.
Based on the diagram above, write the correct sequence of moon phases P, Q, R, *and* S *in the space provided.*

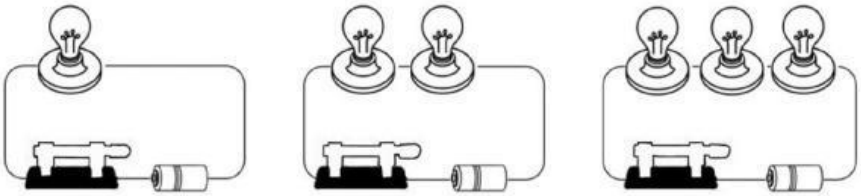
…… → …… → …… → ……

[2 *markah*]
[2 *marks*]

LIVEWORKSHEETS

BAHAGIAN C
[32 *markah*]
[32 *marks*]
Jawab semua soalan
Answer all questions

Rajah menunjukkan susunan radas penyiasatan tentang kecerahan mentol litar X, Y dan Z.
Diagram shows the apparatus arrangement of an investigation on the brightness of bulbs in circuit X, Y *and* Z.



Litar X
Circuit X

Litar Y
Circuit Y

Litar Z
Circuit Z

1 (a) Nyatakan
State

(i) pemboleh ubah dimanipulasikan
manipulated variable:

.....

(ii) pemboleh ubah dimalarkan
constant variable :

.....

[2 *markah*]
[2 *marks*]

LIVEWORKSHEETS

(b) Jadual menunjukkan hasil penyiasatan yang direkodkan.
Table shows the results of the recorded investigation.

Litar *Circuits*	X	Y	Z
Kecerahan mentol *Brightness of bulbs*	Cerah *Bright*	Malap *Dim*	Lebih malap *Dimmer*

Nyatakan satu inferens tentang kecerahan mentol litar X.
State one inference about the brightness of bulb in circuit X.

.....

.....

[1 *markah*]
[1 *mark*]

(c) (i) Apakah pola kecerahan mentol litar X, Y dan Z?
What is the pattern of the brightness of bulb in circuit X, Y *and* Z?

.....

(ii) Nyatakan kesimpulan yang boleh dibuat daripada penyiasatan di atas?
State *the conclusion that can be made from the investigation above*?

.....

.....

[2 *markah*]
[2 *marks*]

(d) Didapati penyiasatan di atas adalah penyiasatan yang adil. Jelaskan.
It is found that the above investigation is fair. Explain.

.....

.....

[2 *markah*]
[2 *marks*]

LIVEWORKSHEETS