SET PENGUKUHAN 1

[Unit 1 – Unit 5]

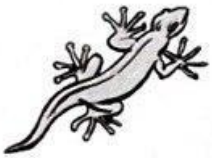
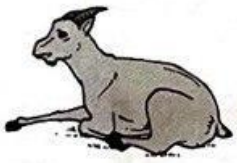
Markah

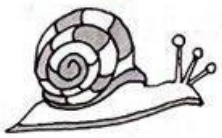
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A **Beberapa aktiviti dilakukan oleh tiga kumpulan murid. Tuliskan kemahiran proses sains berdasarkan aktiviti yang dilakukan.** [6 *markah*] [6 *marks*]
A few activities are carried out by three groups of pupils. Write the science process skill based on the conducted activity. TP 2 TP 3

Kumpulan 1
Group 1

1



Haiwan ini dikelaskan kepada:
These animals are classified as:

(a) haiwan bertelur
animals that lay eggs

(b) haiwan melahirkan anak
animals that give birth

Kemahiran proses sains:
Science process skill:

Kumpulan 2
Group 2

2

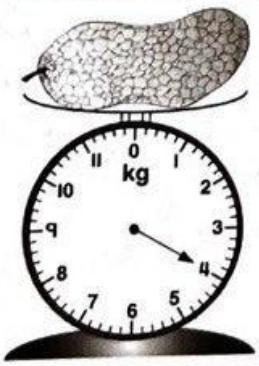
Masa (saat) *Time (second)*	5	10	15	20	25	30
Bilangan denyutan *Number of heartbeats*	65	68	70	75	79	84

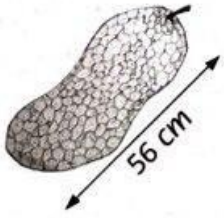
Bilangan denyutan jantung bertambah kerana Yusuf mula berlari dengan laju.
Number of heartbeats increases because Yusuf begins to run faster.

Kemahiran proses sains:
Science process skill:

Kumpulan 3
Group 3

3





Berat buah cempedak ialah 4 kg. Panjang buah cempedak itu ialah 56 cm.
Weight of the jackfruit is 4 kg. Length of the jackfruit is 56 cm.

Kemahiran proses sains:
Science process skill:

TAHAP PENGUASAAN: 1 2 3 4 5 6

Tarikh: _____

LIVEWORKSHEETS

B Jawab soalan-soalan berikut. TP 1

Answer the following questions.

[10 *markah*]
[10 *marks*]

1 Maklumat di bawah menunjukkan ciri-ciri haiwan tertentu. Padankan maklumat berikut dengan haiwan yang betul.
The information below shows the characteristics of certain animals. Match the information with the correct animal.

Maklumat *Information*	Haiwan *Animal*
Saya haiwan bersaiz kecil. Saya tinggal di darat. Saya bernafas menggunakan spirakel. Siapakah saya? *I am a small size animal. I live on land. I breathe using spiracles. Who am I?*	Katak *Frog*
Saya haiwan aquatik yang terbesar. Saya bernafas menggunakan peparu. Siapakah saya? *I am the biggest aquatic animal. I breathe using lungs. Who am I?*	Ikan paus *Whale*
	Belalang *Grasshopper*

2 Nyatakan contoh haiwan mengikut organ pernafasan yang berikut.
State the examples of animals according to the following breathing organs.

Organ pernafasan *Breathing organs*

(a) Kulit lembap *Moist skin*	(b) Insang *Gills*
(i) _____	(i) _____
(ii) _____	(ii) _____

C Jawab soalan yang berikut. TP 4

Answer the following question.

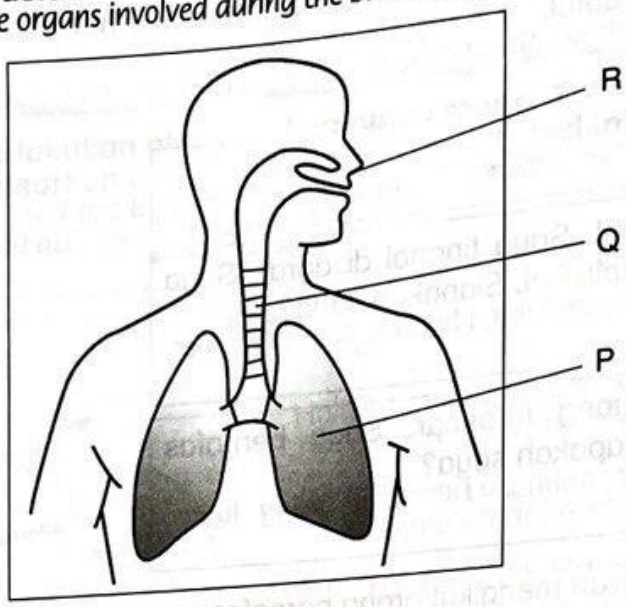
[5 *markah*]
[5 *marks*]



TAHAP PENGUASAAN: 1 2 3 4 5 6 Tarikh: _____

LIVEWORKSHEETS

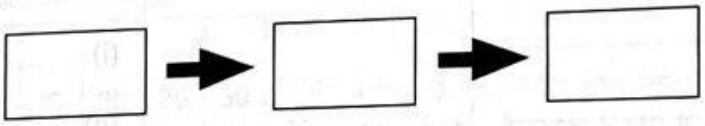
D **Rajah menunjukkan organ-organ yang terlibat semasa proses pernafasan dalam badan manusia.** [12 *markah*] [12 *marks*] TP 1 TP 2
The diagram shows the organs involved during the breathing process in the human body.



1 Namakan organ.
Name the organs.

P : _____ Q : _____ R : _____

2 Susun organ di atas mengikut laluan udara semasa menghembus nafas yang betul. Tulis P, Q dan R.
Arrange the above organs according to the correct air passage during exhalation. Write P, Q and R.



E **Rajah menunjukkan satu penyiasatan menggunakan sebuah kotak kayu.** TP 5 [6 *markah*] [6 *marks*]
The diagram shows an investigation using a wooden block.



Situasi A
Situation A

Situasi B
Situation B

Lukiskan bayang-bayang yang terhasil dalam situasi tersebut.
Draw the shadow formed in the situations.

A B

TAHAP PENGUASAAN: 1 2 3 4 5 6

LIVEWORKSHEETS

F **Jawab semua soalan.** **SOALAN OBJEKTIF** OBJECTIVE QUESTIONS
Answer all the questions.

[11 *markah*]
[11 *marks*]

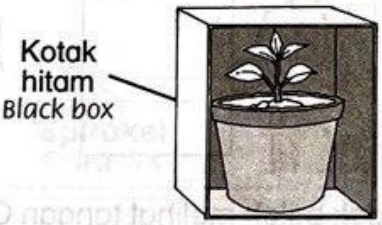
1

Persamaan dan perbezaan antara objek dikenal pasti.
The similarities and differences between objects are identified.

Berdasarkan pernyataan di atas, kemahiran proses sains yang terlibat ialah
Based on the statement above, the science process skill involved is

A mengukur *measuring*
B mengelas *classifying*
C meramal *predicting*
D memerhati *observing*

2 Suatu eksperimen dijalankan seperti di bawah.
An experiment is carried out as shown below.



Tumbuhan itu layu selepas seminggu kerana tidak mendapat cahaya matahari.
The plant wilted after a week due to the absence of sunlight.

Berdasarkan eksperimen di atas, apakah proses sains yang digunakan?
Based on the experiment above, what is the science process skill used?

A Membuat inferens *Making inference*
B Berkomunikasi *Communicating*
C Mentafsir data *Interpreting data*
D Mengukur *Measuring*

3 Antara berikut, yang manakah **bukan** organ perkumuhan manusia?
*Which of the following is **not** human excretory organs?*

A Peparu *Lungs*
B Ginjal *Kidney*
C Kulit *Skin*
D Telinga *Ear*

4 Antara padanan berikut, yang manakah **betul**?
*Which of the following matches is **correct**?*

	Haiwan *Animal*	Organ pernafasan *Breathing organ*
A	Cicak *Lizard*	Insang *Gills*
B	Ketam *Crab*	Spirakel *Spiracles*
C	Buaya *Crocodile*	Peparu *Lungs*
D	Ulat beluncas *Caterpillar*	Kulit lembap *Moist skin*

5 Mengapakah kura-kura dikelaskan dalam kumpulan vertebrata?
Why tortoises are classified as vertebrates?

A Hidup di dalam air dan di darat *Live in water and land*
B Bertelur *Laying eggs*
C Mempunyai tulang belakang *Have backbones*
D Badan dilitupi cangkerang keras *Body covered with hard shell*

6 Rajah menunjukkan proses menarik nafas.
The diagram shows the inhalation process.



Semasa menarik nafas, dada
When inhaling, the chest

A turun dan mengembang *moves down and expand*
B naik dan mengembang *moves up and expand*
C turun dan mengempis *moves down and deflate*
D naik dan mengempis *moves up and deflate*

TAHAP PENGUASAAN: 1 2 3 4 5 6 Tarikh: _____

LIVEWORKSHEETS

7 Rajah di bawah menunjukkan organ manusia.
The diagram below shows a human organ.



Organ di atas membantu proses
The organ above helps in the process of

A pernafasan *breathing*
B penyahtinjaan *defecation*
C perkumuhan *excretion*
D fotosintesis *photosynthesis*

8 Rajah menunjukkan empat aktiviti.
The diagram shows four activities.


P


Q

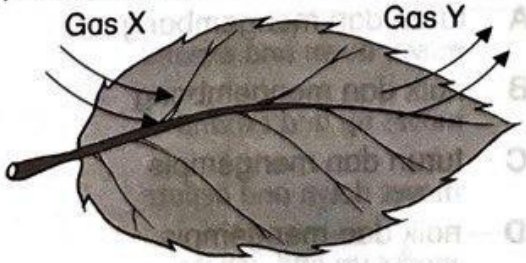

R


S

Aktiviti yang manakah paling tinggi kadar pernafasan?
Which activity has the highest rate of breathing?

A P
B Q
C R
D S

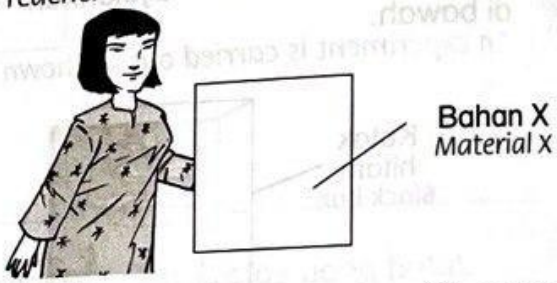
9 Rajah menunjukkan sehelai daun hijau yang menjalani proses fotosintesis.
The diagram shows a green leaf that conducts photosynthesis.



Gas X dan gas Y ialah
Gas X and gas Y are

	X	Y
A	Oksigen *Oxygen*	Karbon dioksida *Carbon dioxide*
B	Oksigen *Oxygen*	Oksigen *Oxygen*
C	Karbon dioksida *Carbon dioxide*	Karbon dioksida *Carbon dioxide*
D	Karbon dioksida *Carbon dioxide*	Oksigen *Oxygen*

10 Rajah menunjukkan suatu eksperimen yang dilakukan oleh Cikgu Rina.
The diagram shows an experiment conducted by Teacher Rina.



Kita tidak boleh melihat tangan Cikgu Rina di belakang bahan X. Bahan X ialah
We cannot see Teacher Rina's hand behind material X. Material X is

I	II	III
papan lapis *plywood*	kaca *glass*	kad manila *manila card*

A I sahaja *I only*
B I dan III *I and III*
C II dan III *II and III*
D I, II dan III *I, II and III*

11 Antara berikut, apakah yang diperlukan untuk pembentukan pelangi?
Which of the following are needed to form a rainbow?

P Cahaya matahari *Sunlight*
Q Titisan air *Water droplets*
R Angin *Wind*

A P dan Q *P and Q*
B P dan R *P and R*
C Q dan R *Q and R*
D P, Q dan R *P, Q and R*

TAHAP PENGUASAAN: 1 2 3 4 5 6

Tarikh: _____

LIVEWORKSHEETS