

SULIT
6355/1
English
For Science
And
Technology
Kertas 1

1 $\frac{1}{4}$ jam



6355/1

JABATAN PELAJARAN MELAKA

Dengan kerjasama

PERSIDANGAN KEBANGSAAN PENGETUA - PENGETUA
SEKOLAH MENENGAH MALAYSIA
CAWANGAN MELAKA

PEPERIKSAAN PERCUBAAN SIJIL PELAJARAN MALAYSIA
TAHUN 2007

ENGLISH FOR SCIENCE AND TECHNOLOGY

KERTAS 1

Satu jam lima belas minit

JANGAN BUKA KERTAS SOALAN INI SEHINGGA DIBERITAHU

Maklumat untuk calon

1. *Kertas soalan ini mengandungi dua bahagian : **Bahagian A** dan **Bahagian B**.*
2. *Jawab **semua** soalan.*
3. *Tuliskan semua jawapan anda untuk **Bahagian A** dan **Bahagian B** diruang yang disediakan.*
4. *Anda dinasihati supaya mengambil masa 30 minit untuk menjawab soalan di **Bahagian A** dan 45 minit untuk menjawab soalan dalam **Bahagian B**.*

Information for candidates

1. *This question paper consists of two sections : **Section A** and **Section B**.*
 2. *Answer **all** questions.*
 3. *Write **all** your answers for **Section A** and **Section B** in the spaces provided.*
 4. *You are advised to spend 30 minutes to answer the questions in **Section A** and 45 minutes on the questions in **Section B**.*
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Kertas soalan ini mengandungi 10 halaman bercetak

[Lihat sebelah

SULIT

Part 1

Based on the information from the text, complete the graphic organizer below.

The world is changing every day in terms of climate, population and even species of wildlife. With these changes, some animals and plants face extinction. When an animal is extinct, that means that no member of its species exists anymore anywhere in the world.

Extinction can be caused by climate change, species evolution or hunters. Sometimes, certain species might not be able to cope with environment changes (this includes pollution and climate) and the whole species dies out. At other times, that species might evolve into another species because of the way it needs to adapt to its surroundings.

The third and most unnatural phenomenon that causes animals extinction is man's need to hunt animals for their parts. Among some of the animals that used to exist but are now extinct are the aurochs, dodo birds, woolly mammoth, dinosaurs, quagga, Tasmanian tiger and Steller's sea cow.

Among the animals now on the endangered list are elephants, great apes, marine turtles, monarch butterflies, panda bears, American pikas, polar bears, rhinoceroses, snow leopards, tigers, whales and dolphins.

Many efforts have been taken by governments and non-governmental organization, but poaching and hunting still go on in various countries. This is because there is still a demand for animal parts - some fur and others for medicinal purposes.

However, if we play our part by not creating a demand for such products, then the poaching and hunting will stop. This means we need to stop buying fur products, alligator skin bags and shoes and even traditional medicine that use animal parts.

Based on the information above, complete the table below.

ANIMALS EXTINCTION

Causes	1. _____ 2. _____ 3. _____
Examples	4. _____ 5. _____ 6. _____ 7. _____
Ways to conserve endangered animals	8. _____ 9. _____ 10. _____

[10 marks]

Based on the information above, complete the table below.

ANIMALS EXTINCTION

Causes	1. _____ 2. _____ 3. _____
Examples	4. _____ 5. _____ 6. _____ 7. _____
Ways to conserve endangered animals	8. _____ 9. _____ 10. _____

[10 marks]

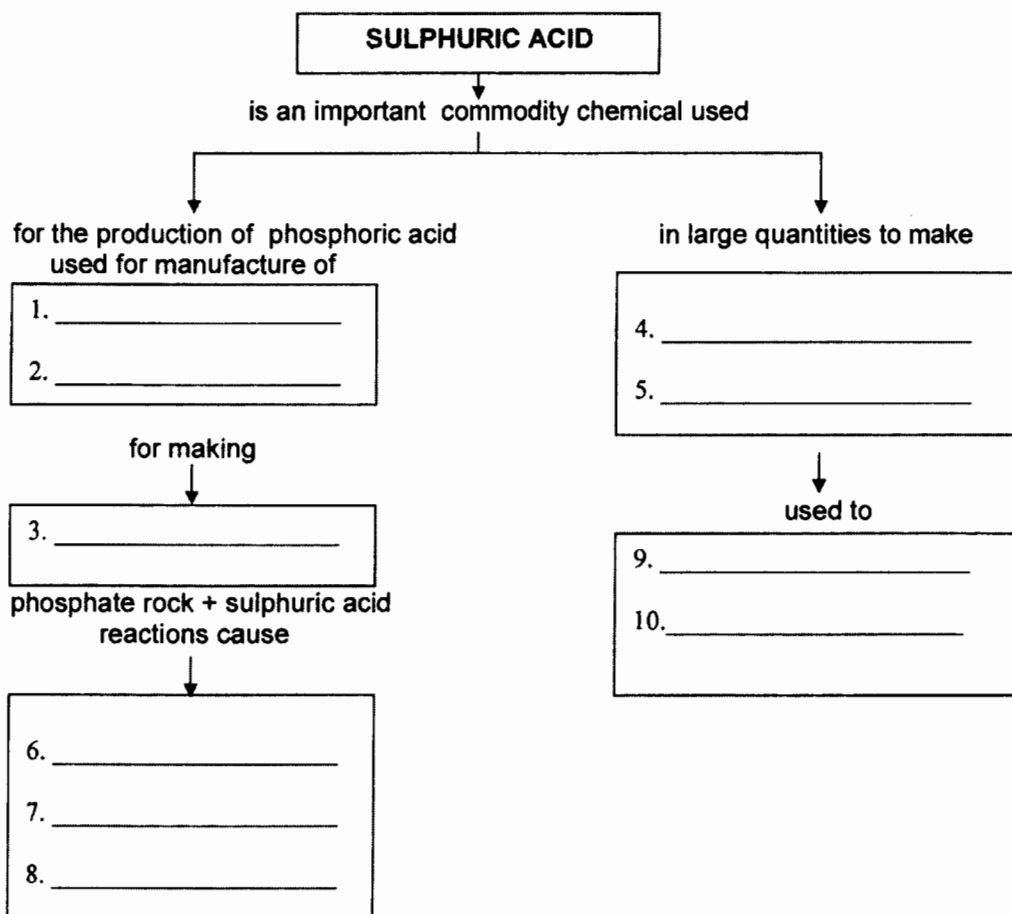
Part 2

Read the following text and complete the given task.

Sulphuric acid is a very important commodity chemical, and indeed a nation's sulphuric acid production is a good indicator of its industrial strength. The major use (60% of total worldwide) for sulphuric acid is in the "wet method" for the production of phosphoric acid, used for manufacture of phosphate fertilizers as well as trisodium phosphate for detergents. In this method phosphate is used and more than 100 million tones are processed annually. This is treated with 93 % sulphuric acid to produce calcium sulphate, hydrogen fluoride (HF) and phosphoric acid.

Sulphuric acid is used in large quantities in iron and steel making principally as pickling -acid to remove oxidation, rust and scale from rolled sheets and billets prior to sale into the automobile and white-goods business. The used acid is often re-cycled using a Spent Acid Regeneration (SAR) plant. These plants combust the spent acid with natural gas, refinery gas, fuels oil or other suitable fuel source.

Based on the information in the text, complete the graphic organizer below.



[10 marks]

[Lihat sebelah
SULIT

Section B
[30 marks]

Study the information given below regarding vitamins and the importance of vitamins for human.

- Vitamins are organic substances necessary to control a variety of processes within living cells.
- Vitamins are divided into two classes which are the fat-soluble and water-soluble.
- They help to release the energy stored in carbohydrates, proteins and fats.
- Vitamins are critical in the production of red blood cells and the protection of the nervous, skeletal and immune systems.
- Some vitamins also form substances that act as antioxidants.
- Lack of sufficient amount of a particular vitamin could lead to deficiency symptoms and diseases.
- These symptoms and diseases can be overcome by consuming sufficient vitamins in plant and animal sources.

(Adapted from Bodybuilding Supplement Guide, 2006)

Write a report on this topic. Your report must include the following:

- The benefits of vitamins
- The deficiencies of vitamins
- Any other relevant information

Your report should be about 200 words.

KERTAS SOALAN TAMAT

