

Science  
Paper 1  
Ogos/Sept.  
2012  
 $1\frac{1}{4}$  hours  
4



**JABATAN PELAJARAN NEGERI TERENGGANU**

**PEPERIKSAAN PERCUBAAN (OTI 2)  
SIJIL PELAJARAN MALAYSIA 2012**

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**SCIENCE**  
**Paper 1**  
**One Hour and Fifteen Minutes**

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**DO NOT OPEN THIS TEST PAPER UNTIL YOU ARE TOLD TO DO SO**

- 1 *This question paper consists of 50 questions.*
- 2 *Answer all questions.*
- 3 *Answer each question by blackening the correct space on the objective answer sheet.*
- 4 *Blacken only one space for each question.*
- 5 *If you wish to change your answer, erase the blackened mark that you have made. Then blacken the space for the new answer.*
- 6 *The diagrams in the questions provided are not drawn to scale unless stated.*
- 7 *You may use a non-programmable scientific calculator.*

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Disediakan oleh: *Dengan Kerjasama:* Dibayai oleh:  
AKRAM NEGERI TERENGGANU MPSM NEGERI TERENGGANU KERAJAAN NEGERI TERENGGANU

**TERENGGANU NEGERI ANJUNG ILMU**

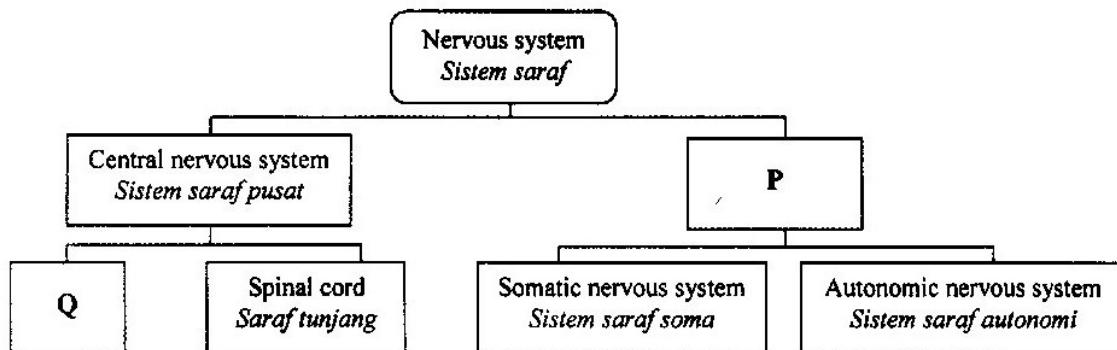
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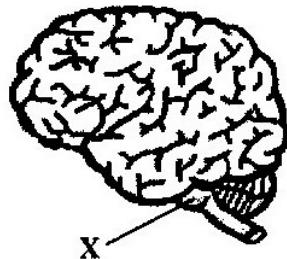
- 1 The chart shows the classification of human nervous system.  
*Carta menunjukkan pengelasan sistem saraf manusia.*



What is represented by P and Q?  
*Apakah yang diwakili oleh P dan Q?*

	P	Q
A	Cranial nervous system <i>Sistem saraf kranium</i>	Heart <i>Jantung</i>
B	Spinal nervous system <i>Sistem saraf spina</i>	Brain <i>Otak</i>
C	Peripheral nervous system <i>Sistem saraf periferi</i>	Brain <i>Otak</i>
D	Voluntary nervous system <i>Sistem saraf terkawal</i>	Lungs <i>Peparu</i>

- 2 The diagram shows the structure of a human brain.  
*Rajah menunjukkan struktur otak manusia.*



Which action is controlled by the part labelled X?  
*Tindakan manakah yang dikawal oleh bahagian berlabel X?*

- A Menari  
*Dancing*
- B Washing  
*Membasuh*
- C Drawing  
*Melukis*
- D Breathing  
*Bernafas*

- 3 Which is the effect of deficiency of hormone secreted by pituitary gland?

*Manakah kesan kekurangan hormon yang dirembeskan oleh kelenjar pituitari?*

- A Goitre  
*Goiter*
- B Diabetes  
*Kencing manis*
- C Gigantism  
*Kegergasian*
- D Dwarfism  
*Kekerdilan*

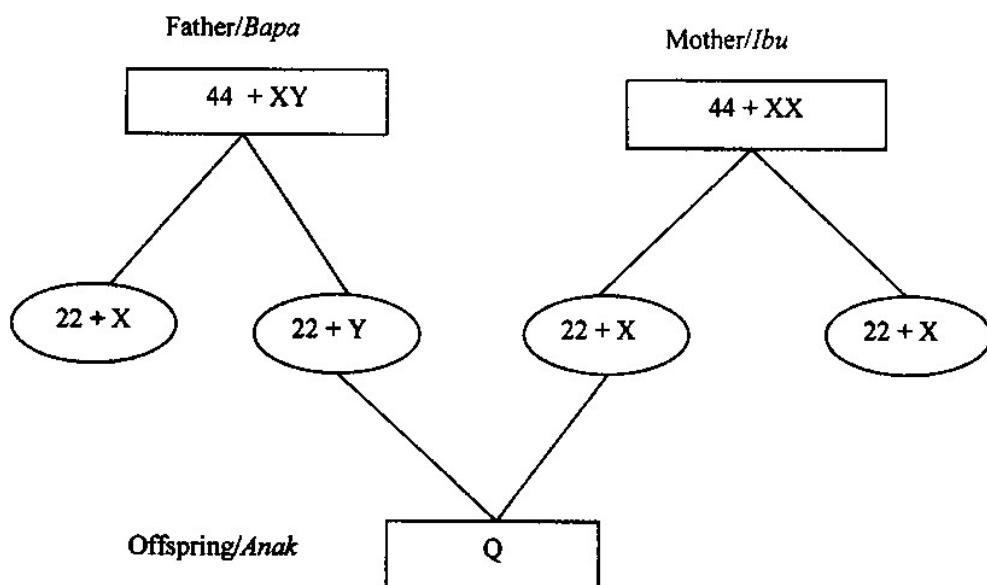
- 4 What is the thread like structure found in nucleus?

*Apakah struktur seperti bebenang yang terdapat dalam nukleus?*

- A Chromosome  
*Kromosom*
- B Autosome  
*Autosom*
- C Gene  
*Gen*
- D Neurone  
*Neuron*

- 5 The diagram shows the heredity scheme in human beings.

*Rajah menunjukkan skema pewarisan pada manusia.*

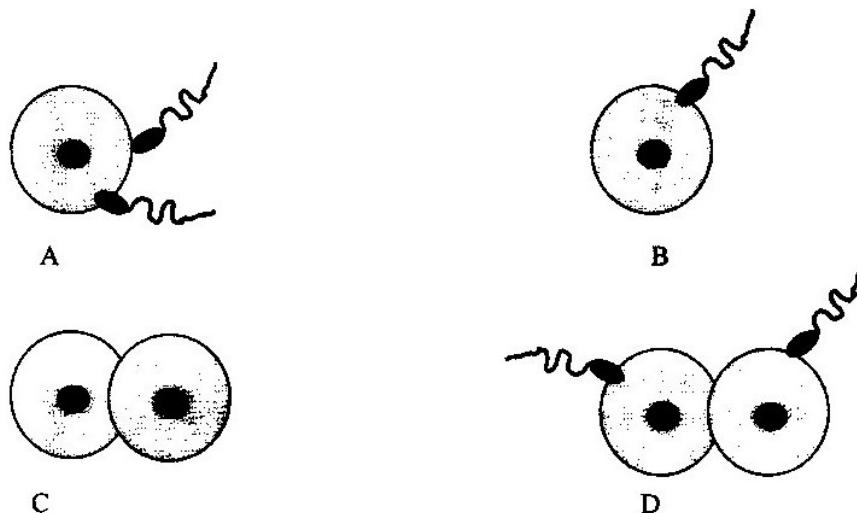


What is the chromosome content of gamete Q?

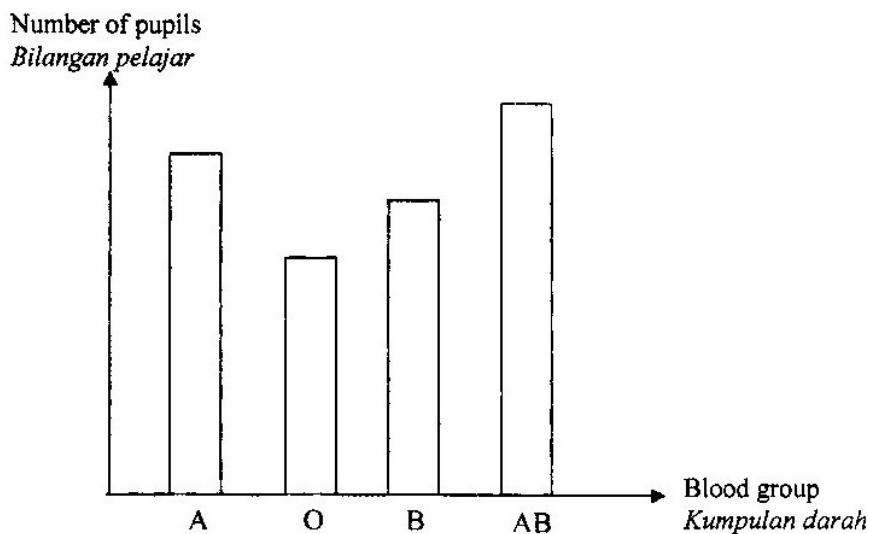
*Apakah kandungan kromosom gamet Q?*

- A 44 + XX
- B 22 + X
- C 44 + XY
- D 22 + Y

- 6 Which fertilization between sperm and ovum will form siamese twins?  
*Persenyawaan yang manakah antara ovum dan sperma yang akan membentuk kembar siam?*



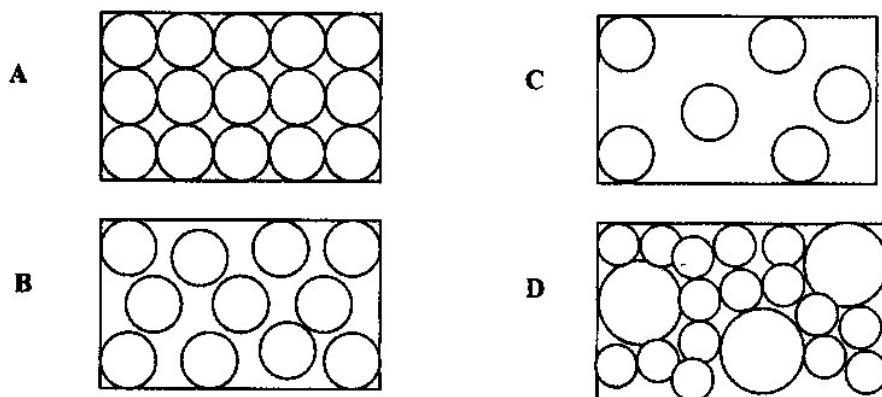
- 7 The diagram shows a type of variation among students of 5 Cemerlang.  
*Rajah berikut menunjukkan sejenis variasi dalam kalangan pelajar 5 Cemerlang.*



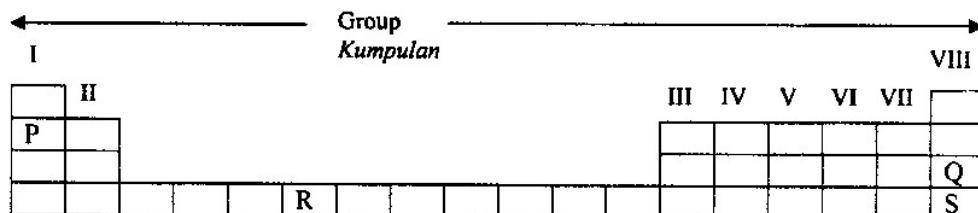
Which characteristic shows a similar type of variation as above?  
*Ciri manakah yang menunjukkan variasi yang sama seperti di atas?*

- A Height  
*Ketinggian*
- B Skin colour  
*Warna kulit*
- C Gender  
*Jantina*
- D The length of sole  
*Panjang tapak kaki*

- 8 Which of the following A, B, C and D represents liquid particles?  
*Antara A, B, C dan D yang manakah mewakili zarah cecair?*



- 9 The diagram shows the location of four elements in the Periodic Table.  
*Rajah menunjukkan kedudukan empat unsur dalam Jadual Berkala.*



Which elements have the smallest proton number?  
*Unsur manakah mempunyai nombor proton paling kecil?*

- A P                      C R  
 B Q                      D S

- 10 The table shows the proton number and nucleon number of an atom.  
*Jadual menunjukkan nombor proton dan nombor nukleon bagi suatu atom.*

Proton number Nomor proton	Nucleon number Nomor nukleon
11	25

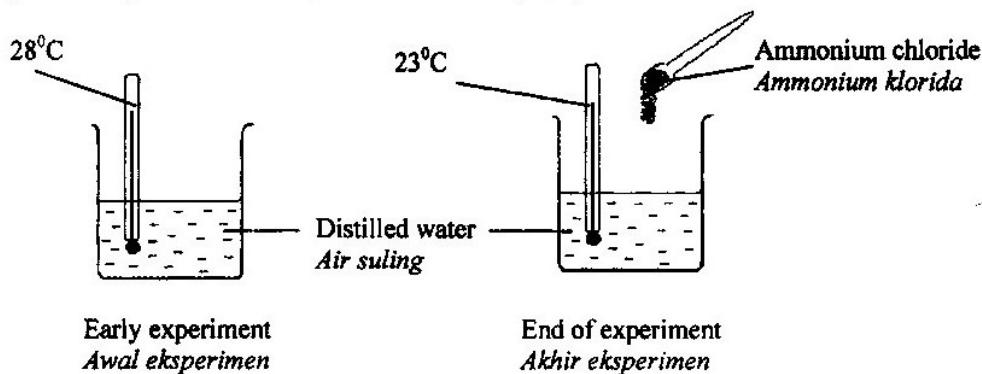
What is the number of neutrons of the atom?  
*Apakah bilangan neutron bagi atom ini?*

- A 11                      C 25  
 B 14                      D 36

- 11 Which substance can be purified by crystallization?  
*Bahan yang manakah boleh ditularkan melalui penghabluran?*
- |                                     |                                 |
|-------------------------------------|---------------------------------|
| A Common salt<br><i>Garam biasa</i> | C Petroleum<br><i>Petroleum</i> |
| B Tin Ore<br><i>Bijih timah</i>     | D Ethanol<br><i>Etanol</i>      |

- 12 The diagram shows an experiment to study the heat change in a chemical reaction.

Rajah menunjukkan suatu eksperimen untuk mengkaji perubahan haba dalam satu tindak balas.



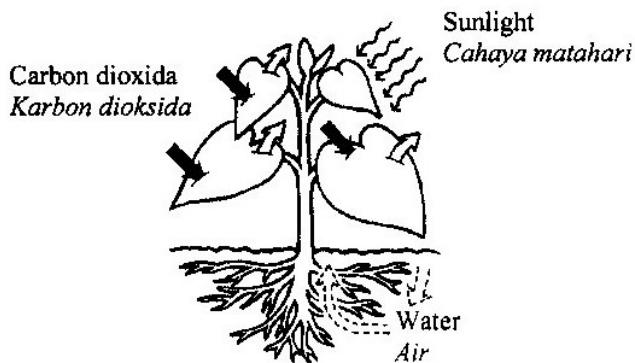
What type of reaction involved?

Apakah jenis tindakbalas yang berlaku?

- A Neutralization  
*Peneutralan*
- B Exothermic  
*Eksotermic*
- C Endothermic  
*Endotermik*
- D Decomposition  
*Penguraian*

- 13 The diagram shows a process involved in a green plant.

Rajah menunjukkan satu proses yang berlaku dalam tumbuhan hijau.



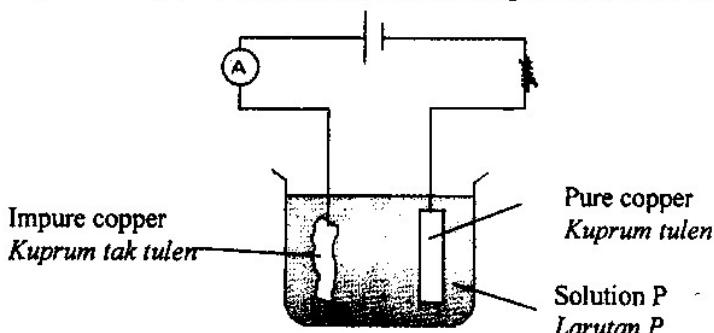
What substances are produced in the above process?

Apakah yang dihasilkan daripada proses di atas?

- A Glucose + oxygen  
*Glukosa + oksigen*
- B Glucose + carbon dioxide  
*Glukosa + karbon dioksida*
- C Chlorophyll + oxygen  
*Klorofil + oksigen*
- D Chlorophyll + carbon dioxide  
*Klorofil + karbon dioksida*

- 14 The diagram shows how electrolysis is used to purify copper.

Rajah menunjukkan bagaimana elektrolisis digunakan untuk menulenkan kuprum.



What is solution P?

Apakah larutan P?

- A Sodium chloride  
Natrium klorida
- B Silver chloride  
Argentum klorida
- C Sodium hydroxide  
Natrium hidroksida
- D Copper sulphate  
Kuprum sulfat

- 15 The table shows the advantages and disadvantages of a type of cell.

Jadual menunjukkan kelebihan dan kekurangan sejenis sel.

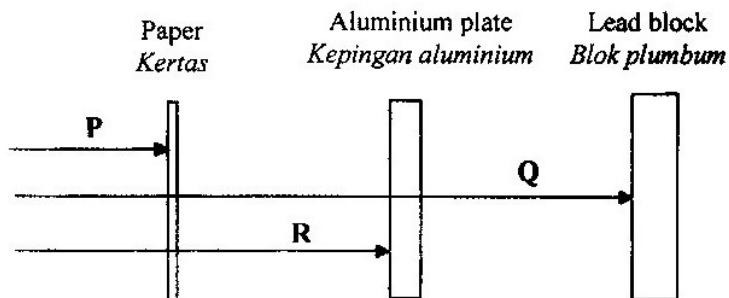
Advantages / Kebaikan	Disadvantages / Kekurangan
Long lasting Tahan lama	Big Besar
Rechargeable Boleh dicas semula	Heavy Berat
Produces higher and more stable voltage Menghasilkan voltan yang lebih tinggi dan stabil	The concentration of the acid must be maintained Kepekatan asid perlu sentiasa tetap.

What is the cell?

Apakah sel itu?

- A Nickle-cadmium battery  
Bateri nikel kadmium
- B Lead-acid accumulator  
Akumulator asid plumbum
- C Dry cell  
Sel kering
- D Mercury oxide battery  
Sel merkuri

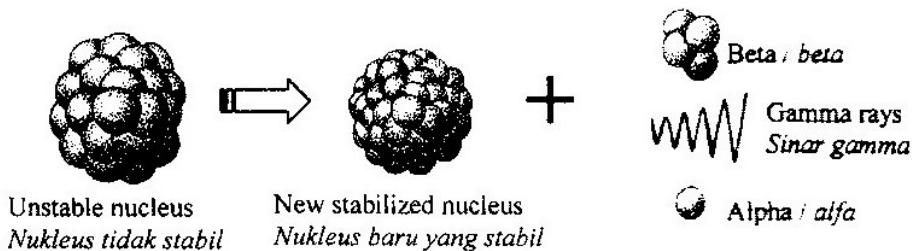
- 16 The diagram shows the penetrating power of radiations P, Q and R.  
*Rajah menunjukkan kuasa penembusan bagi sinar P, Q dan R.*



What are P, Q and R?  
*Apakah P, Q dan R?*

	P	Q	R
A	Alpha ray <i>Sinar alfa</i>	Beta ray <i>Sinar beta</i>	Gamma ray <i>Sinar gamma</i>
B	Beta ray <i>Sinar beta</i>	Alpha ray <i>Sinar alfa</i>	Gamma ray <i>Sinar gamma</i>
C	Gamma ray <i>Sinar gamma</i>	Beta ray <i>Sinar beta</i>	Alpha ray <i>Sinar alfa</i>
D	Alpha ray <i>Sinar alfa</i>	Gamma ray <i>Sinar gamma</i>	Beta ray <i>Sinar beta</i>

- 17 The diagram shows an unstable nucleus breaks up and emits alpha, beta and gamma rays.  
*Rajah menunjukkan nukleus yang tidak stabil pecah dan memancarkan sinar alfa, beta dan gamma.*

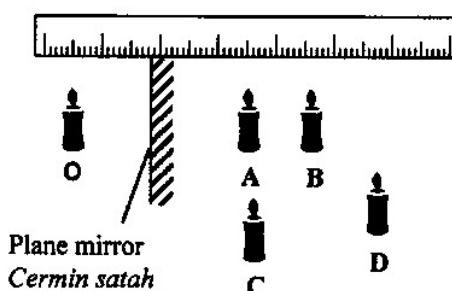


Which process is involved?  
*Proses manakah yang terlibat?*

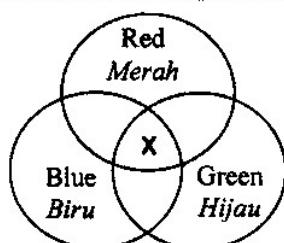
- A Radioisotope  
*Radioisotop*
- B Radioactive decay  
*Pereputan radioaktif*
- C Nuclear fission  
*Pembelahan nukleus*
- D Nuclear fusion  
*Pelakuran nukleus*

- 18 The diagram shows candle O in front of a plane mirror. At which points A, B, C or D will the image be formed?

Rajah menunjukkan sebatang lilin O berada di hadapan sebuah cermin satah. Pada titik manakah A, B, C atau D imej akan terbentuk?



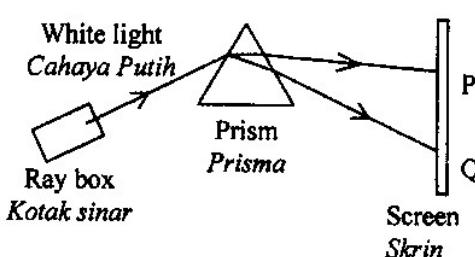
- 19 The diagram shows the overlapping of three coloured light spot.  
Rajah menunjukkan pertindihan tiga tompok cahaya berwarna.



What is the colour of light X?

Apakah warna cahaya X?

- A Black  
*Hitam*
  - B White  
*Putih*
  - C Yellow  
*Kuning*
  - D Magenta  
*Magenta*
- 20 The diagram shows the dispersion of white light.  
Rajah menunjukkan penyebaran cahaya putih.



What colours of light P and Q formed on the screen?

Apakah warna cahaya P dan Q yang terbentuk pada skrin?

	P	Q
A	Red <i>Merah</i>	Violet <i>Ungu</i>
B	Red <i>Merah</i>	Blue <i>Biru</i>
C	Blue <i>Biru</i>	Orange <i>Jingga</i>
D	Violet <i>Ungu</i>	Red <i>Merah</i>

- 21 What is the phenomenon that form blue sky and red sunset ?

*Apakah fenomena yang membentuk langit biru dan merah senja?*

- A Dispersion of light  
*Penyebaran cahaya*
- C Refraction of light  
*Pembiasan cahaya*
- B Reflection of light  
*Pantulan cahaya*
- D Scattering of light  
*Penyerakan cahaya*

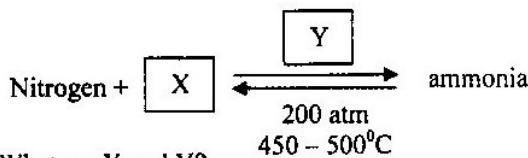
- 22 Which pairs of alloy and its elements is correctly matched?

*Pasangan aloi dan unsurnya yang manakah dipadankan dengan betul?*

	Alloy <i>Aloi</i>	Elements <i>Unsur</i>
A	Brass <i>Loyang</i>	Copper + Tin <i>Kuprum + Timah</i>
B	Steel <i>Keluli</i>	Iron + Carbon <i>Besi + Karbon</i>
C	Pewter <i>Piuter</i>	Tin + Zinc <i>Timah + Zink</i>
D	Duralumin <i>Duralumin</i>	Aluminium + Magnesium <i>Aluminium + Magnesium</i>

- 23 The information shows a word equation of Haber process.

*Maklumat menunjukkan persamaan perkataan bagi proses Haber.*

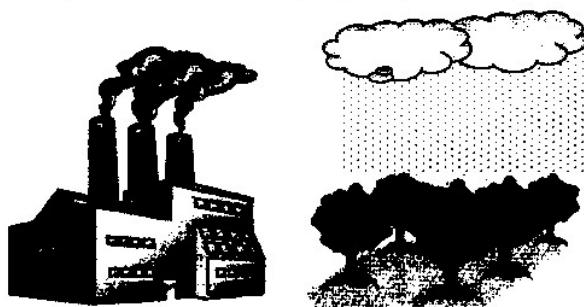


What are X and Y?

*Apakah X dan Y?*

	X	Y
A	Oxygen <i>Oksigen</i>	Sulphuric acid <i>Asid Sulfurik</i>
B	Carbon dioxide <i>Karbon dioksida</i>	Copper filling <i>Serbuk kuprum</i>
C	Hydrogen <i>Hidrogen</i>	Iron filling <i>Serbuk besi</i>
D	Sulphur dioxide <i>Sulfur dioksida</i>	Formic acid <i>Asid formik</i>

- 24 The diagram shows an industrial activity that causes environmental pollution.  
*Rajah menunjukkan suatu aktiviti yang menyebabkan pencemaran alam sekitar.*

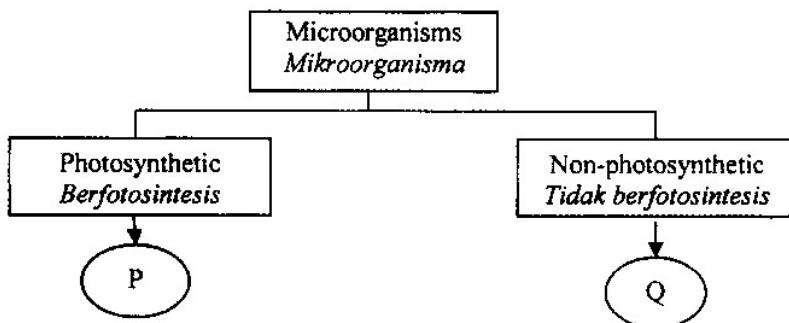


What is the phenomenon?

*Apakah fenomena tersebut?*

- A Smog  
*Asap*
- B Acid rain  
*Hujan asid*
- C Thinning of ozone layer  
*Penipisan lapisan ozon*
- D Greenhouse effect  
*Kesan rumah hijau*

- 25 The diagram shows the classifying of microorganisms  
*Rajah menunjukkan pengkelasan mikroorganisma*

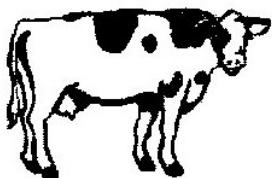


What is microorganisms P ?

*Apakah mikroorganisma P?*

- A Algae  
*Alga*
- B Fungi  
*Kulat*
- C Virus  
*Virus*
- D Bacteria  
*Bakteria*

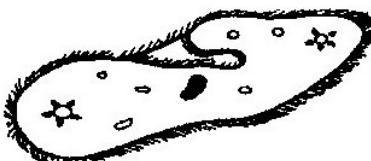
- 26 The diagram shows a herbivore animal.  
*Rajah menunjukkan seekor haiwan herbivor.*



What is the microorganism that help in digestion of this animal?  
*Apakah mikroorganisma yang membantu dalam pencernaan haiwan ini?*

- A Virus  
*Virus*
- B Algae  
*Alga*
- C Protozoa  
*Protozoa*
- D Fungi  
*Kulat*

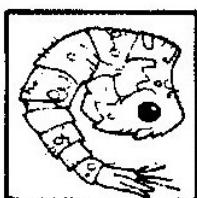
- 27 The diagram shows a microorganism.  
*Rajah menunjukkan sejenis mikroorganisma.*



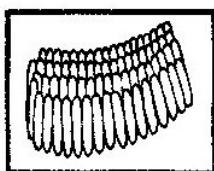
What is the method of reproduction for this microorganism?  
*Apakah cara pembiakan bagi mikroorganisma ini?*

- A Spore formation  
*Pembentukan spora*
- B Budding  
*Pertunasan*
- C Rejuvenation  
*Penjanaan semula*
- D Conjugation  
*Konjugasi*

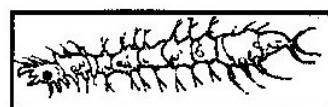
- 28 The diagram shows stages in life cycle of a vector.  
*Rajah menunjukkan peringkat-peringkat dalam kitar hidup bagi sejenis vektor.*



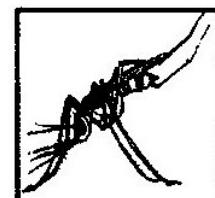
R



S



T



U

Arrange the stages of life cycle of this vector.  
*Susunkan peringkat-peringkat kitar hidup bagi vektor ini.*

- A U, R, S, T
- B U, T, R, S
- C U, S, R, T
- D U, S, T, R

- 29 The diagram shows the effect of lack of a nutrient.  
*Rajah menunjukkan kesan kekurangan satu nutrien.*



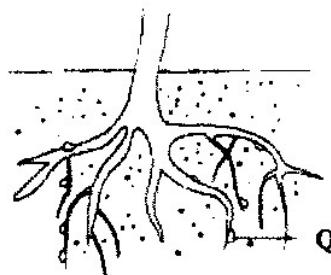
What is the nutrient?  
*Apakah nutrien tersebut?*

- A Vitamin B  
*Vitamin B*
- B Iodine  
*Iodin*
- C Protein  
*Protein*
- D Calcium  
*Kalsium*

- 30 Which of the following dietary imbalance and health problem is correctly matched?  
*Antara ketidakseimbangan diet dan masalah kesihatan berikut, yang manakah dipadankan dengan betul?*

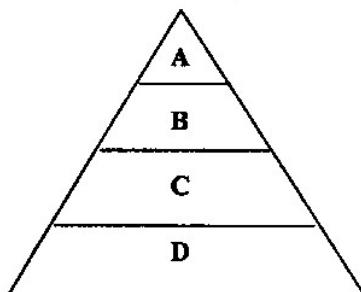
	Dietary imbalance <i>Ketidakseimbangan diet</i>	Health problem <i>Masalah kesihatan</i>
A	Lack of iron <i>Kekurangan besi</i>	Goitre <i>Goiter</i>
B	Lack of protein <i>Kekurangan protein</i>	Obesity <i>Kegendutan</i>
C	Lack of vitamin C <i>Kekurangan vitamin C</i>	Scurvy <i>Skurvi</i>
D	Excessive saturated fats <i>Berlebihan lemak tepu</i>	Anorexia nervosa <i>Anoreksia nervosa</i>

- 31 The diagram shows the roots of a leguminous plant.  
*Rajah menunjukkan akar pokok kekacang.*

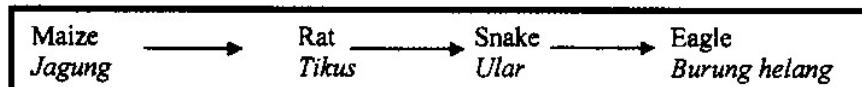


- What type of bacteria is found in Q?  
*Apakah jenis bakteria yang terdapat dalam Q?*
- A Saprophytic bacteria  
*Bakteria saprofitit*  
 B Nitrifying bacteria  
*Bakteria penitritan*  
 C Denitrifying bacteria  
*Bakteria pendenitritan*  
 D Nitrogen-fixing bacteria  
*Bakteria pengikat nitrogen*

- 32 The diagram shows a pyramid number.  
 Which of the levels labelled A, B, C or D represents tertiary consumer?  
*Rajah menunjukkan satu piramid nombor.*  
*Manakah antara aras yang dilabelkan A, B, C atau D yang mewakili pengguna tertier?*



- 33 The diagram shows a food chain.  
*Rajah menunjukkan satu rantai makanan.*



- What will happen to the maize yield and eagle population if the rat is eliminated?  
*Apakah kesan kepada penghasilan jagung dan populasi burung helang jika tikus dihapuskan?*

	<b>Maize yield Penghasilan jagung</b>	<b>Eagle population Populasi burung helang</b>
<b>A</b>	Increase <i>Bertambah</i>	Increase <i>Bertambah</i>
<b>B</b>	Decrease <i>Berkurang</i>	Increase <i>Bertambah</i>
<b>C</b>	Increase <i>Bertambah</i>	Decrease <i>Berkurang</i>
<b>D</b>	Decrease <i>Berkurang</i>	Decrease <i>Berkurang</i>

- 34 The diagram shows a type of pollution from a factory.  
*Rajah menunjukkan sejenis pencemaran dari sebuah kilang.*



- What is the best step to control the population?  
*Apakah langkah terbaik untuk mengawal pencemaran itu?*
- A** Cover the chimney.  
*Tutup cerobong asap.*
- B** Shorten the chimney.  
*Rendahkan cerobong asap.*
- C** Add more chimney.  
*Tambahkan lebih banyak cerobong asap.*
- D** Fix air filter on the chimney.  
*Pasang penapis udara pada cerobong asap.*

- 35 The following products are made from substance X.  
*Bahan-bahan berikut dibuat daripada bahan X.*

- Soap  
*Sabun*
- Candle  
*Lilin*
- Hair conditioner  
*Perapi rambut*

What is X ?  
*Apakah X ?*

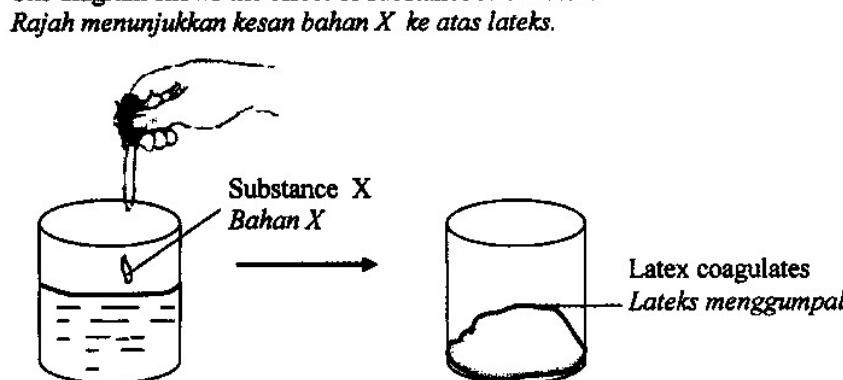
- A** Alcohol  
*Alkohol*
- B** Palm oil  
*Minyak sawit*
- C** Petrol  
*Petrol*
- D** Kerosene  
*Kerosin*

36 Which oil is rich in saturated fat ?

*Minyak manakah kaya dengan lemak tepu ?*

- A** Ghee  
*Minyak sapi*
- B** Palm oil  
*Minyak sawit*
- C** Olive oil  
*Minyak zaiton*
- D** Corn oil  
*Minyak jagung*

37 The diagram shows the effect of substance X on latex.



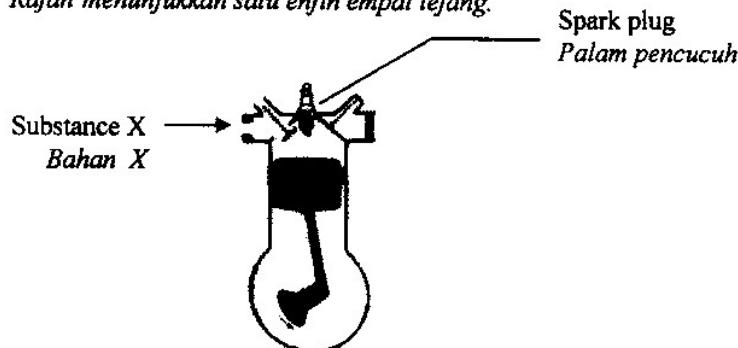
What is substance X?

*Apakah bahan X?*

- A** Etanoik acid  
*Asid etanoik*
- B** Ammonium solution  
*Larutan ammonia*
- C** Distilled water  
*Air suling*
- D** Sodium chloride  
*Natrium klorida*

- 38** The diagram shows a four-stroke engine.

Rajah menunjukkan satu enjin empat lejang.



Spark plug

Palam pencucuh

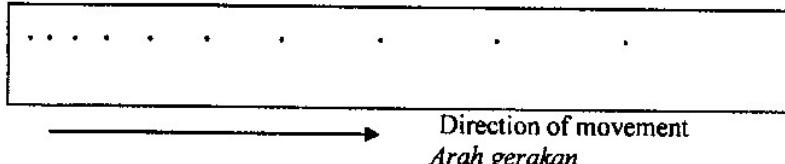
What is substance X?

Apakah bahan X?

- A Diesel  
*Diesel*
- B Petrol  
*Petrol*
- C Petrol and air  
*Petrol dan udara*
- D Diesel and air  
*Diesel dan udara*

- 39** The diagram shows a ticker tape section for moving trolley.

Rajah menunjukkan keratan pita derik bagi gerakan sebuah troli.

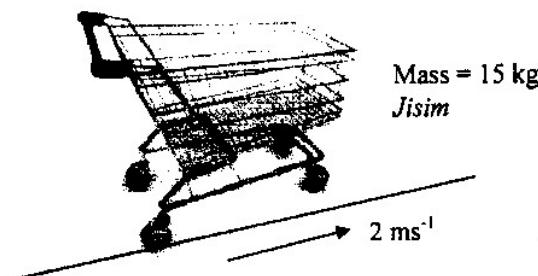


What is the type of motion of the trolley?

Apakah jenis gerakan troli itu?

- A Zero velocity  
*Halaju sifar*
- B Increasing velocity  
*Halaju bertambah*
- C Decreasing velocity  
*Halaju berkurang*
- D Uniform velocity  
*Halaju seragam*

- 40 The diagram shows a trolley moving at a velocity of  $2 \text{ ms}^{-1}$ .  
*Rajah menunjukkan satu troli yang bergerak pada halaju  $2 \text{ ms}^{-1}$ .*

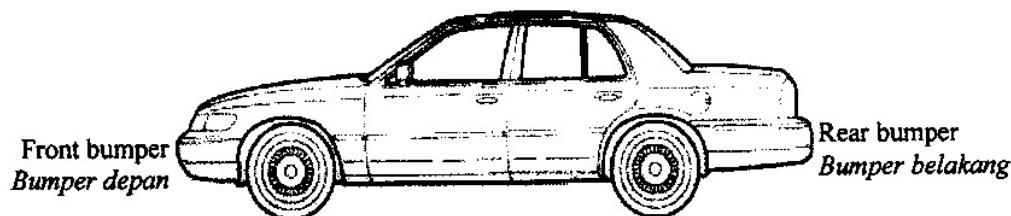


What is the momentum of the trolley?  
*Apakah momentum troli itu?*

$$\left[ \begin{array}{l} \text{Momentum} = \text{Mass} \times \text{Velocity} \\ \text{Momentum} = \text{Jisim} \times \text{Halaju} \end{array} \right]$$

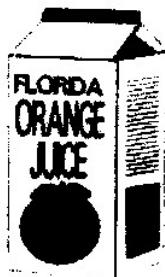
- A  $7.5 \text{ kg ms}^{-1}$
- B  $13.0 \text{ kg ms}^{-1}$
- C  $17.0 \text{ kg ms}^{-1}$
- D  $30.0 \text{ kg ms}^{-1}$

- 41 The diagram shows the design of a car which has safety features.  
*Rajah menunjukkan reka bentuk kereta yang mempunyai ciri-ciri keselamatan.*



- What is the function of the rear and front bumpers?  
*Apakah fungsi bumper belakang dan hadapan?*
- A As accessories to make up the appearance of the car  
*Sebagai aksesori untuk meningkatkan rekabentuk kereta*
  - B To increase the speed of the car  
*Menambah kelajuan kereta*
  - C To reduce air friction when the car speed up  
*Mengurangkan geseran udara apabila kereta memecut*
  - D To lengthen the collision time during a crash  
*Menambah masa perlanggaran semasa kemalangan*

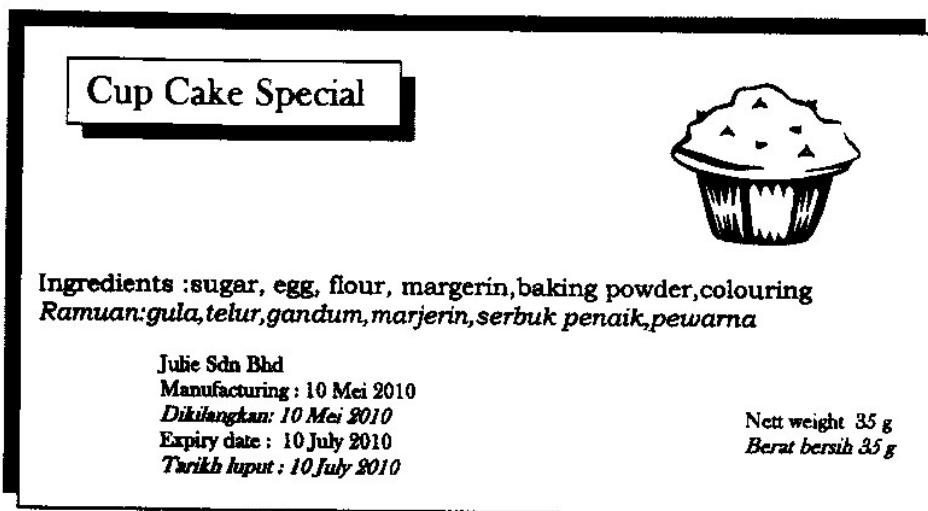
- 42 The diagram shows an example of a processed food.  
*Rajah menunjukkan satu contoh bahan makanan yang diproses.*



What is the method of processing used?  
*Apakah kaedah pemprosesan yang digunakan?*

- A Cooling  
*Pendinginan*
- B Pasteurization  
*Pempasteuran*
- C Freezing  
*Pembekuan*
- D Irradiation  
*Penyinaran*

- 43 The diagram shows a food label.  
*Rajah menunjukkan satu label bungkusan makanan.*



Which information should be on the label according to the Food Act 1983 and Food Regulation 1985?

*Maklumat manakah yang sepatutnya terdapat pada label tersebut mengikut Akta Makanan 1983 dan Peraturan Makanan 1985?*

- A 'Halal' label  
*Tanda halal*
- B Manufacturer address  
*Alamat pengeluar*
- C Calorific value  
*Nilai kalori*
- D Price  
*Harga*
- 44 A farmer discovered that his land was becoming less fertile. Which is the best action to overcome the problem?  
*Seorang petani mendapati tanahnya semakin tidak subur. Tindakan manakah yang paling sesuai untuk mengatasi masalah tersebut?*
- A Use terrace cropping  
*Guna tanaman teres*
- B Use selective breeding  
*Guna pembiakbakaan terpilih*
- C Use modern agricultural tools  
*Guna peralatan pertanian moden*
- D Use crop rotation  
*Guna tanaman bergilir*
- 45 Which pairs of monomer and polymer is correctly matched?  
*Manakah pasangan monomer dan polimer yang dipadankan dengan betul?*

	Monomer <i>Monomer</i>	Polymer <i>Polimer</i>
A	Protein <i>Protein</i>	Amino acid <i>Asid amino</i>
B	Isoprene <i>Isoprena</i>	Natural rubber <i>Getah asli</i>
C	Polythene <i>Politena</i>	Ethene <i>Etena</i>
D	Carbohydrate <i>Karbohidrat</i>	Glucose <i>Glukosa</i>

- 46 The diagram shows the structure of a plastic.  
*Rajah menunjukkan struktur suatu plastik..*



Which plastic has the above structure?  
*Manakah plastik yang mempunyai struktur di atas?*

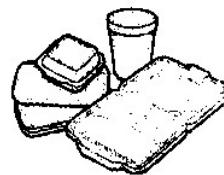
- A Perspex  
*Perspeks*
- B Polystyrene  
*Polistirena*
- C Bakelite  
*Bakelit*
- D Polyvinyl chloride  
*Polivinil klorida*

- 47** The diagram shows the examples of product made from substance X.

Rajah menunjukkan contoh-contoh produk yang dihasilkan daripada bahan X.



Polythene bottle  
Botol politenen



Polystyrene container  
Bekas polistirena

What is substance X?

Apakah bahan X?

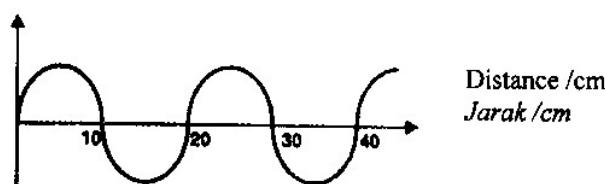
- A Natural rubber  
Getah asli
- B Thermoset  
Termoset
- C Thermoplastics  
Termoplastik
- D Synthetic rubber  
Getah sintetik

- 48** The diagram shows a wave.

Rajah menunjukkan satu gelombang.

Displacement / cm

Sesaran / cm



What is the wavelength of the wave?

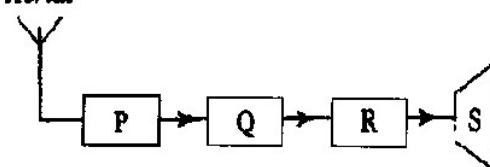
Apakah panjang gelombang bagi gelombang tersebut?

- A 10 cm
- B 20 cm
- C 30 cm
- D 40 cm

- 49** The diagram shows the radio receiver system.

Rajah menunjukkan sistem penerima radio.

Aerial  
Aerial



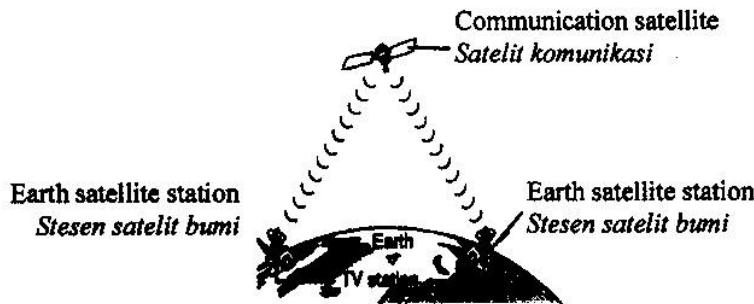
Which part separates the audio frequency signals from radio waves?

Bahagian manakah mengasingkan frekuensi audio daripada gelombang radio?

- A P
- B Q
- C R
- D S

- 50** The diagram shows how information is transmitted between earth satellite stations and a communication satellite.

Rajah menunjukkan bagaimana maklumat dipancarkan antara stesen satelit bumi dan satelit komunikasi



What type of wave is used in this communication?

Apakah jenis gelombang yang digunakan dalam komunikasi ini?

- A Microwave  
Gelombang mikro
- B Short wave  
Gelombang pendek
- C Long wave  
Gelombang panjang
- D Medium wave  
Gelombang sederhana

**END OF QUESTION PAPER**

**KERTAS SOALAN TAMAT**

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PAPER 1

1	C	11	A	21	D	31	D	41	D
2	D	12	C	22	B	32	A	42	B
3	D	13	A	23	C	33	C	43	B
4	A	14	D	24	B	34	D	44	D
5	C	15	B	25	A	35	B	45	B
6	B	16	D	26	C	36	A	46	C
7	C	17	B	27	D	37	A	47	C
8	B	18	A	28	D	38	C	48	B
9	A	19	B	29	C	39	B	49	B
10	B	20	A	30	C	40	D	50	A

Total mark for Paper 1 : 50 marks