



Cambridge IGCSE™

COMBINED SCIENCE

0653/23

Paper 2 Multiple Choice (Extended)

October/November 2024

45 minutes

You must answer on the multiple choice answer sheet.

You will need: Multiple choice answer sheet
Soft clean eraser
Soft pencil (type B or HB is recommended)

INSTRUCTIONS

- There are **forty** questions on this paper. Answer **all** questions.
- For each question there are four possible answers **A**, **B**, **C** and **D**. Choose the **one** you consider correct and record your choice in soft pencil on the multiple choice answer sheet.
- Follow the instructions on the multiple choice answer sheet.
- Write in soft pencil.
- Write your name, centre number and candidate number on the multiple choice answer sheet in the spaces provided unless this has been done for you.
- Do **not** use correction fluid.
- Do **not** write on any bar codes.
- You may use a calculator.

INFORMATION

- The total mark for this paper is 40.
- Each correct answer will score one mark.
- Any rough working should be done on this question paper.
- The Periodic Table is printed in the question paper.

This document has **16** pages. Any blank pages are indicated.



- 1 Which row correctly identifies the function of a ciliated cell in the bronchus of a healthy human?

	substance being moved	direction of movement
A	air	towards bronchioles
B	air	towards trachea
C	mucus	towards bronchioles
D	mucus	towards trachea

- 2 Water enters a plant cell.

In which order does the water pass through the cell structures before reaching the vacuole?

- A** cell membrane → cell wall → cytoplasm
- B** cell wall → cell membrane → cytoplasm
- C** cell wall → cytoplasm → cell membrane
- D** cytoplasm → cell wall → cell membrane

- 3 Which row describes an enzyme?

	molecule	function
A	carbohydrate	biological catalyst
B	carbohydrate	hormone
C	protein	biological catalyst
D	protein	hormone

- 4 What is a symptom of iron deficiency?

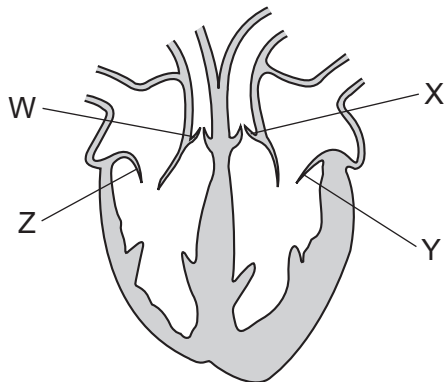
- A** constipation
- B** feeling tired
- C** coronary heart disease
- D** scurvy

5 Chemical digestion produces small, soluble molecules.

For which process is chemical digestion necessary?

- A absorption
- B egestion
- C excretion
- D ingestion

6 The diagram shows a section through the human heart. The four valves are labelled W, X, Y and Z.



When the left ventricle contracts, valve Y closes.

Which row shows the position of the other valves when valve Y is closed?

	valve W	valve X	valve Z
A	closed	closed	closed
B	open	closed	open
C	open	open	closed
D	open	open	open

7 Which row describes how the oxygen concentration and carbon dioxide concentration in blood changes as the blood passes through the lungs?

	oxygen concentration	carbon dioxide concentration
A	decreases	decreases
B	decreases	increases
C	increases	decreases
D	increases	increases

- 8 The incomplete equation for aerobic respiration is shown.



What is the formula of X?

- A** $\text{C}_6\text{H}_6\text{O}_{12}$ **B** $\text{C}_6\text{H}_{12}\text{O}_6$ **C** $\text{C}_{12}\text{H}_{12}\text{O}_6$ **D** $6\text{CH}_{12}\text{O}_6$

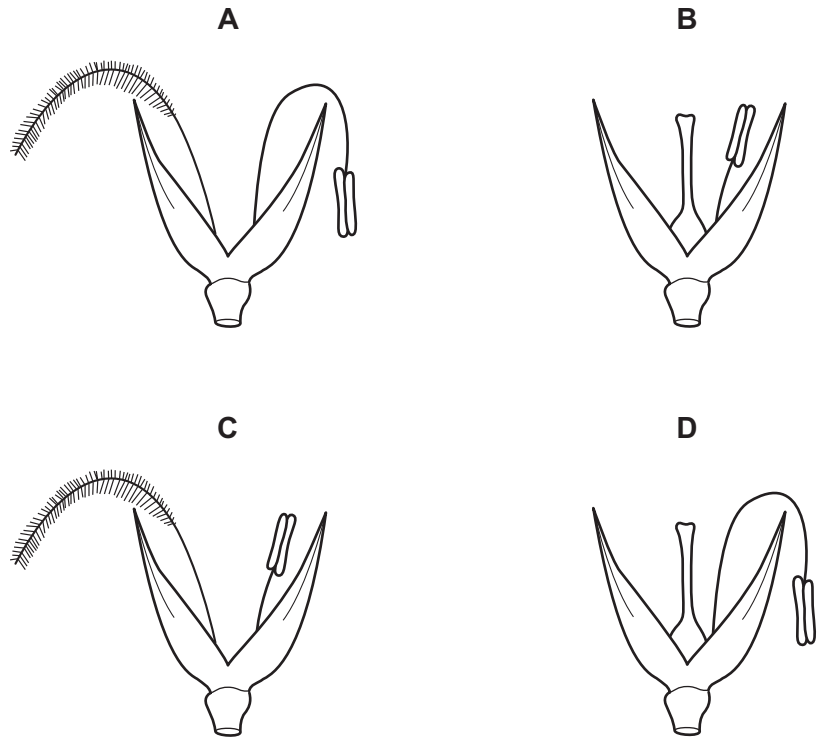
- 9 Which row is correct for auxin in a shoot?

	effect of auxin	side of shoot where more auxin is found
A	cell division	closer to the light
B	cell division	further away from the light
C	cell elongation	closer to the light
D	cell elongation	further away from the light

- 10 Which row is correct for sexual reproduction?

	requires gametes	offspring produced
A	yes	genetically different
B	yes	genetically identical
C	no	genetically different
D	no	genetically identical

11 Which diagram shows the stigma and stamen of a wind-pollinated flower?



12 What is the function of the placenta?

- A to allow the mixing of the mother's blood with the blood of the fetus
- B to exchange nutrients and waste
- C to keep the fetus warm
- D to stop the fetus from moving

13 What are the effects of deforestation and the combustion of fossil fuels on the concentrations of carbon dioxide and oxygen in the atmosphere?

	concentration of carbon dioxide	concentration of oxygen
A	decreases	decreases
B	decreases	increases
C	increases	decreases
D	increases	increases

- 14 Solid mixtures X and Y are made from the salts as shown in the table.

mixture X	mixture Y
barium sulfate: white, insoluble iron(III) sulfate: brown, soluble	potassium chromate(VI): yellow, soluble potassium manganate(VII): purple, soluble

Each mixture is shaken with water.

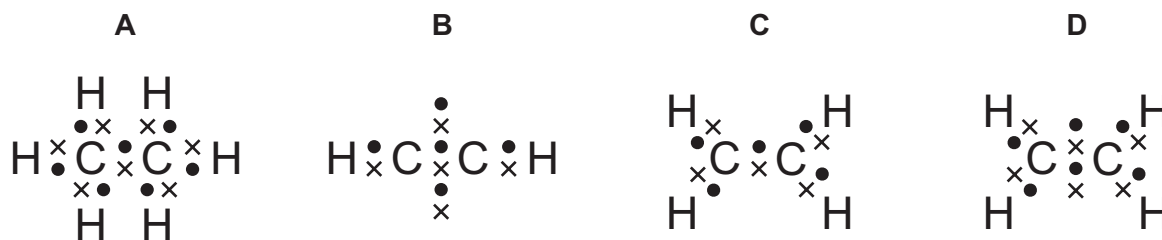
How can the salts in each mixture be separated?

	mixture X	mixture Y
A	chromatography	chromatography
B	chromatography	filtration
C	filtration	chromatography
D	filtration	filtration

- 15 Which particle has the smallest mass?

- A** atom
B electron
C neutron
D proton

- 16 Which dot-and-cross diagram represents the bonding in a molecule of ethene?



- 17 What are the correct numbers of atoms in one molecule of nitric acid?

	hydrogen	nitrogen	oxygen
A	1	1	3
B	1	3	1
C	2	1	3
D	2	3	1

18 Molten silver chloride is electrolysed using inert electrodes.

Which statement about this electrolysis is correct?

- A** Silver ions gain electrons at the anode.
- B** Silver ions gain electrons at the cathode.
- C** Silver ions lose electrons at the anode.
- D** Silver ions lose electrons at the cathode.

19 The reaction of bromine with ethene is exothermic.

Which statement about this reaction is correct?

- A** The activation energy is greater than the energy released in bond formation.
- B** The activation energy must be less than the overall energy change.
- C** The energy gained in bond forming causes the temperature to fall.
- D** The energy released in bond forming is greater than the energy used in bond breaking.

20 Which row describes what happens to the rate of reaction and the frequency of collisions between particles when the concentration of a reactant is increased?

	rate of reaction	frequency of collisions
A	decreases	decreases
B	decreases	increases
C	increases	decreases
D	increases	increases

21 Which statements about an oxidising agent are correct?

- 1 It is oxidised in a redox reaction.
- 2 It is reduced in a redox reaction.
- 3 It oxidises another substance in a redox reaction.
- 4 It reduces the reducing agent in a redox reaction.

- A** 1 and 3 **B** 1 and 4 **C** 2 and 3 **D** 2 and 4

- 22** Magnesium chloride crystals can be made by reacting solid magnesium carbonate with dilute hydrochloric acid.

What is **not** used in this process?

- A** excess solid
- B** crystallisation
- C** distillation
- D** filtration

- 23** Which statement about the halogens is correct?

- A** Aqueous sodium bromide reacts with chlorine to produce aqueous sodium chloride.
- B** Aqueous sodium chloride reacts with iodine to produce aqueous sodium iodide.
- C** Bromine reacts with aqueous sodium chloride to produce chlorine.
- D** Iodine reacts with aqueous sodium bromide to produce bromine.

- 24** Which metal is extracted from bauxite?

- A** aluminium
- B** copper
- C** iron
- D** zinc

- 25** Two different bottles each contain a colourless liquid.

One bottle contains an alkene and the other contains water.

Three different tests are listed.

- 1 addition of pink cobalt(II) chloride
- 2 addition of brown aqueous bromine
- 3 addition of white copper(II) sulfate

Which tests can be used to positively identify the bottle that contains water?

- A** 1 only **B** 2 only **C** 1 and 3 **D** 2 and 3

26 Which statement about greenhouse gases is correct?

- A Increased concentrations of greenhouse gases cause a reduced greenhouse effect, which may contribute to climate change.
- B Increased concentrations of greenhouse gases cause an enhanced greenhouse effect, which may contribute to climate change.
- C Increased concentrations of greenhouse gases cause an enhanced greenhouse effect, which does **not** contribute to climate change.
- D Decreased concentrations of greenhouse gases cause an enhanced greenhouse effect, which may contribute to climate change.

27 Q, R and S are fossil fuels.

The main constituent of Q is methane.

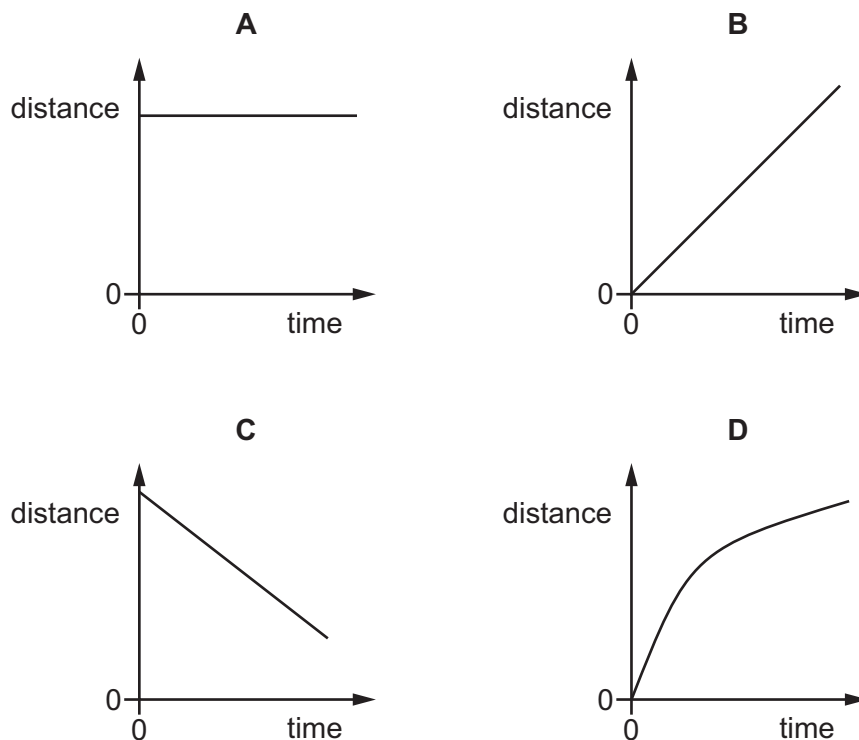
R is a source of diesel oil and bitumen.

S is burned in car engines.

Which row identifies Q, R and S?

	Q	R	S
A	natural gas	gasoline	petroleum
B	natural gas	petroleum	gasoline
C	coal	gasoline	petroleum
D	coal	petroleum	gasoline

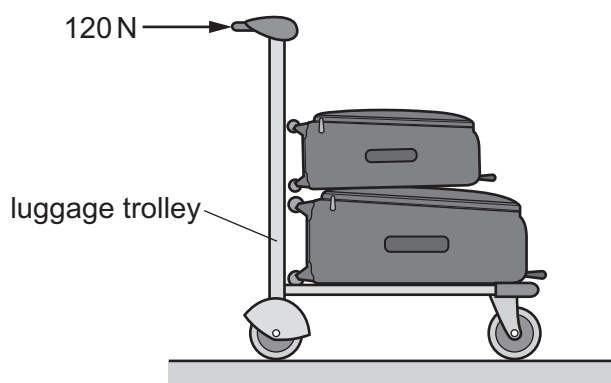
28 Which distance–time graph represents an object that is moving with changing speed?



29 Which statement about mass and weight is correct?

- A** Mass is the gravitational field that acts on a weight.
- B** Mass is the gravitational force that acts on a weight.
- C** Weight is the gravitational field that acts on a mass.
- D** Weight is the gravitational force that acts on a mass.

30 A luggage trolley is pushed with a horizontal force of 120 N.



The trolley travels a distance of 500 cm in the direction of the force.

How much work is done?

- A** 24 J
- B** 60 J
- C** 600 J
- D** 60 000 J

31 A brick of mass 3.0 kg rests on a shelf. The brick falls from the shelf. The brick hits the ground at a speed of 8.0 m/s.

Ignore air resistance.

How much kinetic energy does the brick have just before hitting the ground, and how much gravitational potential energy does the brick have when on the shelf?

	kinetic energy before hitting ground / J	gravitational potential energy on shelf / J
A	24	24
B	24	96
C	96	0
D	96	96

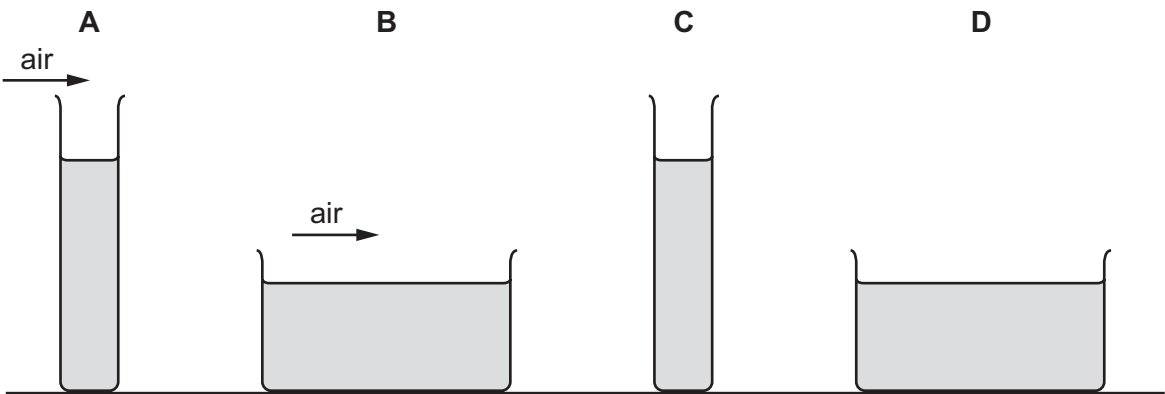
32 Which row states an advantage and a disadvantage of the energy resource given?

	energy resource	advantage	disadvantage
A	natural gas	renewable	produces carbon dioxide
B	nuclear fission	no hazardous waste	expensive to build a power station
C	solar energy	does not produce carbon dioxide	not always available
D	wind energy	cheap to run	non-renewable

33 The water in four containers is at the same temperature.

There is a movement of air over the surface of containers **A** and **B** but **not** over **C** and **D**.

From which container does the water evaporate at the lowest rate?



- 34** An aluminium cap is screwed onto the top of an aluminium bottle.

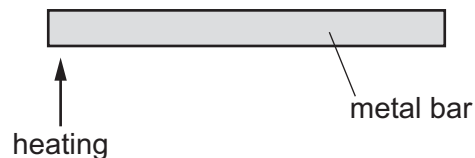


The cap is difficult to unscrew.

Which action makes removing the cap easier?

- A** cooling only the cap in cold water
- B** heating only the bottle in hot water
- C** placing both the bottle and the cap in a freezer
- D** placing both the bottle and the cap in a hot oven

- 35** A metal bar is heated at one end.



What is the main method by which thermal energy reaches the other end of the bar?

- A** Electrons at the heated end gain kinetic energy and move along the bar.
 - B** Electrons at the heated end move apart and set up a convection current along the bar.
 - C** Molecules at the heated end gain kinetic energy and move along the bar.
 - D** Molecules at the heated end move apart and set up a convection current along the bar.
- 36** Three types of wave are listed.

- 1 microwaves
- 2 sound waves
- 3 radio waves

Which waves are longitudinal waves?

- A** 1 and 2
- B** 1 and 3
- C** 1 only
- D** 2 only

- 37 A wave is refracted when it moves from one medium to another.

What **must** remain constant?

- A direction of motion
- B frequency
- C speed
- D wavelength

- 38 The current in a resistor is 4.0 A.

What is the time taken for 1200 C of charge to flow through the resistor?

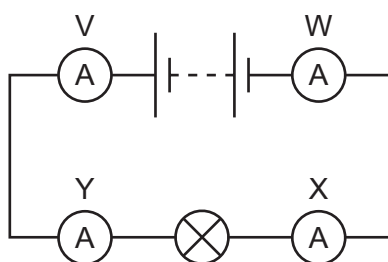
- A 0.20 min B 5.0 min C 80 min D 300 min

- 39 A student connects a lamp to a cell.

Which change to the circuit can increase the current in the circuit?

- A connecting a second cell in series
- B connecting a second lamp in series
- C connecting a variable resistor in series
- D connecting an ammeter in series

- 40 Four ammeters, V, W, X and Y, are connected in the circuit shown.



Which ammeters have the same reading as each other?

- A V, W, X and Y
- B V and W only
- C V and Y only
- D X and Y only

Answer Sheet_____

	A	B	C	D
1	☐	☐	☐	☐
2	☐	☐	☐	☐
3	☐	☐	☐	☐
4	☐	☐	☐	☐
5	☐	☐	☐	☐
6	☐	☐	☐	☐
7	☐	☐	☐	☐
8	☐	☐	☐	☐
9	☐	☐	☐	☐
10	☐	☐	☐	☐
11	☐	☐	☐	☐
12	☐	☐	☐	☐
13	☐	☐	☐	☐
14	☐	☐	☐	☐
15	☐	☐	☐	☐
16	☐	☐	☐	☐
17	☐	☐	☐	☐
18	☐	☐	☐	☐
19	☐	☐	☐	☐
20	☐	☐	☐	☐

	A	B	C	D
21	☐	☐	☐	☐
22	☐	☐	☐	☐
23	☐	☐	☐	☐
24	☐	☐	☐	☐
25	☐	☐	☐	☐
26	☐	☐	☐	☐
27	☐	☐	☐	☐
28	☐	☐	☐	☐
29	☐	☐	☐	☐
30	☐	☐	☐	☐
31	☐	☐	☐	☐
32	☐	☐	☐	☐
33	☐	☐	☐	☐
34	☐	☐	☐	☐
35	☐	☐	☐	☐
36	☐	☐	☐	☐
37	☐	☐	☐	☐
38	☐	☐	☐	☐
39	☐	☐	☐	☐
40	☐	☐	☐	☐



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0653/02

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For examination from 2025

SPECIMEN PAPER

45 minutes

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- You may use a calculator.
- Take the weight of 1.0 kg to be 9.8 N (acceleration of free fall = 9.8 m/s^2).

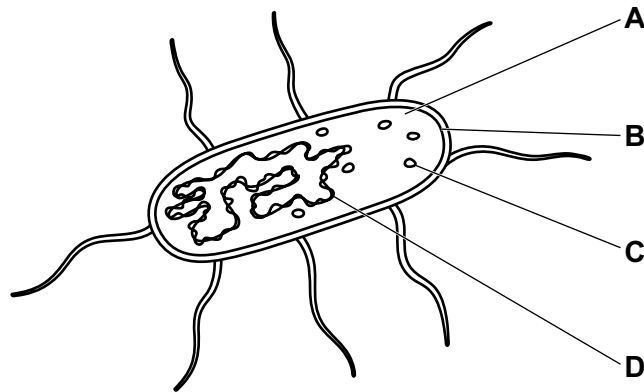
INFORMATION

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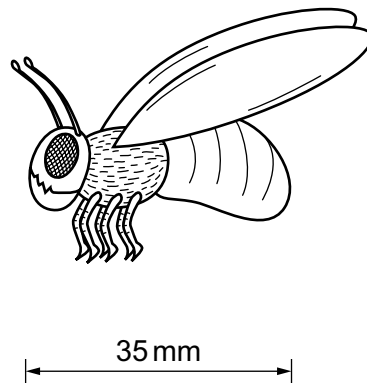
This document has **16** pages.



- 1 Which label represents a plasmid in this diagram of a bacterium?

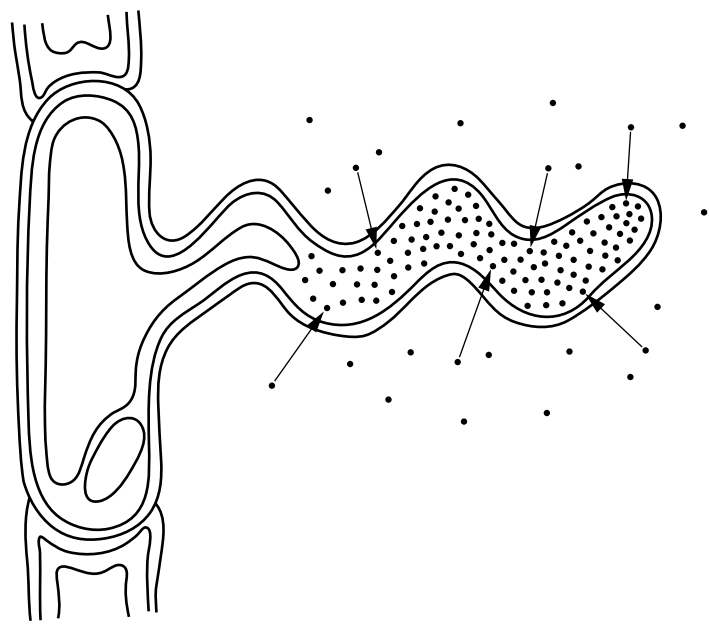


- 2 The actual length of a phorid fly is $5500\text{ }\mu\text{m}$ long.
What is the magnification of this diagram of a phorid fly?



- A 0.006
B 0.16
C 6.4
D 157
- 3 Which factor would decrease the rate of diffusion from a plant cell?
- A high temperature
B large surface area
C small concentration gradient
D small diffusion distance

4 The diagram shows a root hair cell.



Which type of transport is shown by the arrows in this diagram?

- A active transport
 - B diffusion
 - C osmosis
 - D xylem transport
- 5 The data shows the concentrations of sugar and starch in an onion.

total sugar including reducing sugar /g per 100 g	starch /g per 100 g
3.7	0.0

The onion is tested with Benedict’s solution and iodine solution.

Which set of results is correct?

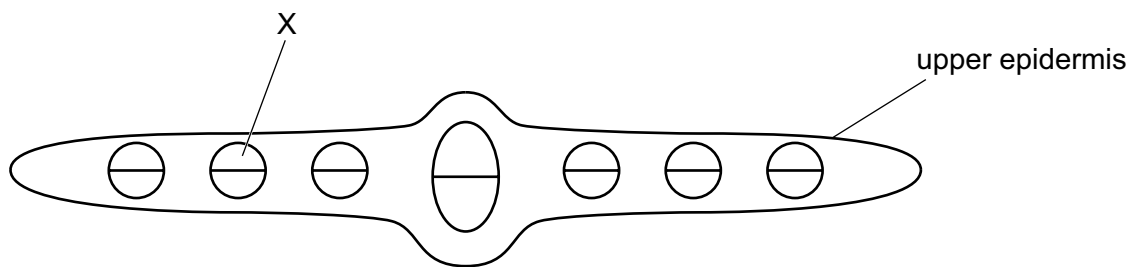
	Benedict’s solution	iodine solution
A	blue	blue-black
B	blue	yellow-brown
C	red	blue-black
D	red	yellow-brown

- 6 An aquatic plant is placed in a beaker of water containing hydrogencarbonate indicator and kept in the dark.

Which colour will the hydrogencarbonate indicator be after 24 hours?

- A blue
- B red
- C purple
- D yellow

- 7 The diagram shows a cross-section through a leaf.



What are the functions of the tissue labelled X?

- 1 transport of amino acids
- 2 transport of sucrose
- 3 transport of water
- 4 support

- A 1 and 2 only B 3 and 4 only C 1 and 4 only D 2 and 3 only

- 8 Which factors could a person change to reduce their risk of developing coronary heart disease?

- 1 diet and exercise
- 2 stress and smoking
- 3 genetic predisposition and age

- A 1 only
- B 1 and 2 only
- C 2 and 3 only
- D 1, 2 and 3

9 What produces active immunity?

	infection by a pathogen	vaccination
A	✓	✓
B	✓	✗
C	✗	✓
D	✗	✗

10 A doctor tells a patient that they are suffering from a viral infection.

Why would the doctor **not** prescribe antibiotics to the patient?

- A** antibiotics do not affect viruses
- B** antibiotics are drugs
- C** long-term use of antibiotics may reduce the effectiveness against the viruses
- D** some bacteria are resistant to antibiotics

11 Which row contains the words that can replace **X**, **Y** and **Z** in the description of a food chain?

Energy from the Sun is transferred as ...**X**... to be stored as ...**Y**... energy in a ...**Z**...

	X	Y	Z
A	chemical	light	consumer
B	chemical	kinetic	producer
C	light	chemical	producer
D	light	kinetic	consumer

- 12** Since the introduction of grey squirrels into the UK, the number of red squirrels has decreased from 3.5 million to about 150 000.

The statements give possible reasons for this decrease.

- 1 Grey squirrels brought a disease (squirrelpox) which kills red squirrels.
- 2 Grey squirrels are better at getting food than the red squirrels.
- 3 Red squirrels are less obvious to predators.

Which statements could explain this decrease in the number of red squirrels?

- A** 1 only
B 1 and 2 only
C 2 and 3 only
D 1, 2 and 3

- 13** Which reasons explain why deforestation contributes to climate change?

	species become extinct	increased risk of flooding	increase in atmospheric carbon dioxide
A	x	x	✓
B	✓	✓	x
C	x	✓	x
D	✓	x	x

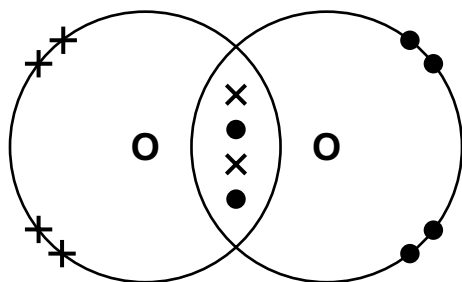
- 14** Which statement describes what happens to the particles of a gas during condensation?

- A** They gain energy and get closer together.
B They gain energy and get further apart.
C They lose energy and get closer together.
D They lose energy and get further apart.

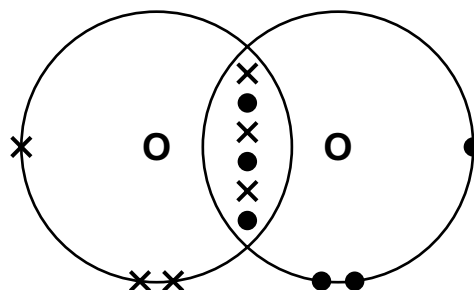
- 15** Which statement describes the giant lattice structure of sodium chloride?

- A** It is a random arrangement of alternating positive and negative ions.
B It is a random arrangement of alternating sodium and chlorine atoms.
C It is a regular arrangement of alternating positive and negative ions.
D It is a regular arrangement of alternating sodium and chlorine atoms.

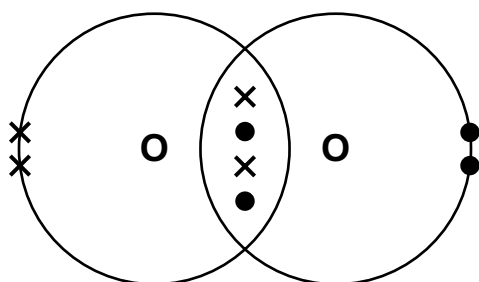
16 Which dot-and-cross diagram shows the outer shell electrons in a molecule of oxygen, O_2 ?



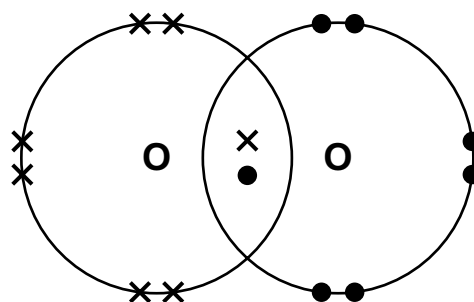
A



B



C



D

17 The formula of sodium phosphate is Na_3PO_4 .

The formula of calcium chloride is $CaCl_2$.

What is the formula of calcium phosphate?

- A $CaPO_4$
- B $Ca_3(PO_4)_2$
- C $Ca(PO_4)_2$
- D Ca_3PO_4

18 Which row identifies the product at each electrode during the electrolysis of molten potassium bromide using inert electrodes?

	anode	cathode
A	bromide ions	potassium ions
B	bromine	potassium
C	potassium	bromine
D	potassium ions	bromide ions

19 Which statement explains how a catalyst increases the rate of a chemical reaction?

- A It increases the energy of the particles in the reaction mixture.
- B It increases the minimum energy that colliding particles must have to react.
- C It reduces the energy of the particles in the reaction mixture.
- D It reduces the minimum energy that colliding particles must have to react.

20 Which equation shows a reduction of the underlined substance?

- A $\underline{\text{C}} + \text{O}_2 \rightarrow \text{CO}_2$
- B $\text{C} + \underline{\text{CO}_2} \rightarrow 2\text{CO}$
- C $\underline{\text{Mg}} + \text{H}_2\text{O} \rightarrow \text{MgO} + \text{H}_2$
- D $\text{NaOH} + \underline{\text{HCl}} \rightarrow \text{NaCl} + \text{H}_2\text{O}$

21 Which row identifies the formulas of an acidic oxide and a basic oxide?

	acidic oxide	basic oxide
A	NO_2	CaO
B	SO_2	CO_2
C	CuO	Na_2O
D	Li_2O	SiO_2

22 Which statement describes the trends shown by the elements down Group I of the Periodic Table?

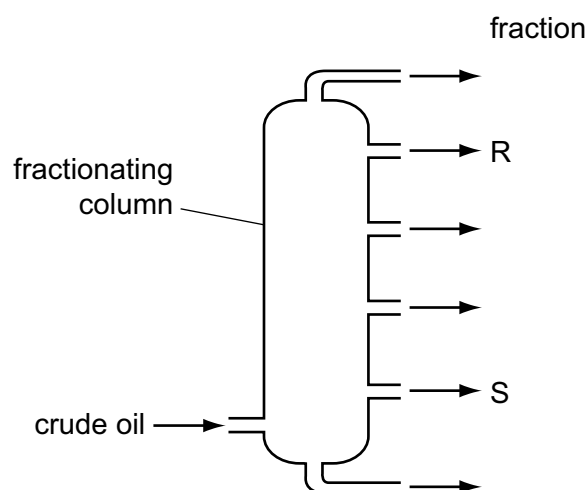
- A They become less dense and less reactive.
- B They become less dense and more reactive.
- C They become more dense and less reactive.
- D They become more dense and more reactive.

23 Aqueous bromine is added to aqueous sodium chloride.

Which statement describes the colour of the resulting mixture and explains the observation?

- A It is pale yellow-green because bromine is less reactive than chlorine.
- B It is pale yellow-green because bromine is more reactive than chlorine.
- C It is red-brown because bromine is less reactive than chlorine.
- D It is red-brown because bromine is more reactive than chlorine.

- 24** Which statement describes helium and neon?
- A** They are diatomic and have high thermal conductivities.
- B** They are diatomic and have low melting points.
- C** They are monatomic and have high boiling points.
- D** They are monatomic and have low electrical conductivities.
- 25** Which statement about the industrial extraction of metals from their ores is correct?
- A** Aluminium is obtained from bauxite.
- B** Iron is obtained by the electrolysis of iron(III) oxide.
- C** Iron is obtained by the oxidation of iron(III) oxide.
- D** The higher a metal is in the reactivity series the easier it is to extract.
- 26** The diagram shows a fractionating column used in the separation of petroleum.



Which row explains why fraction R is collected above fraction S?

	boiling point of R	average chain length of R
A	higher than S	longer than S
B	higher than S	shorter than S
C	lower than S	longer than S
D	lower than S	shorter than S

- 27** A mixture of salt solution and an insoluble solid is separated by ...**P**...

The insoluble solid that is collected is the ...**Q**...

Pure salt crystals are obtained from the separated salt solution by ...**R**... of the water.

Which words complete gaps **P**, **Q** and **R**?

	P	Q	R
A	evaporation	filtrate	filtration
B	evaporation	residue	filtration
C	filtration	filtrate	evaporation
D	filtration	residue	evaporation

- 28** A car of mass 800 kg is travelling in a straight line at a constant speed of 12 m/s. A constant resultant force then acts on the car causing the speed to increase.

After 5.0 s, the speed of the car is 20 m/s.

What is the size of the resultant force acting on the car?

- A** 0 N
B 500 N
C 1280 N
D 3200 N
- 29** A rock has a mass of 20 kg. The rock is at rest at a height of 5.0 m above the ground.

It then falls to the ground.

What is the speed of the rock just before it hits the ground?

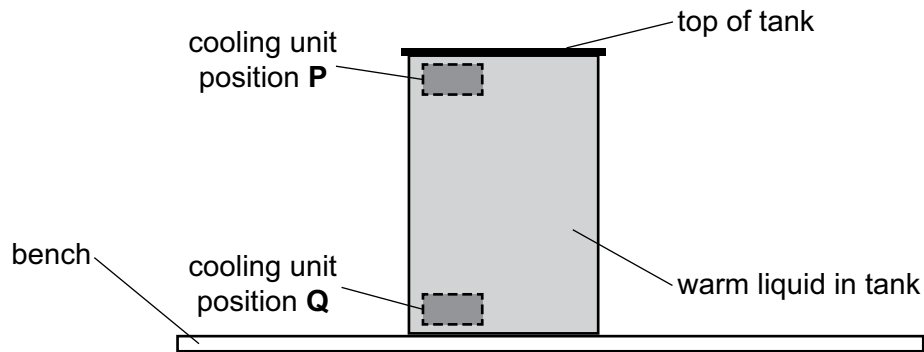
- A** 7.0 m/s
B 9.9 m/s
C 44 m/s
D 98 m/s

- 30** A sample of a substance has a definite shape and a definite volume.

The substance changes state. The sample now has **no** definite shape but still has a definite volume.

What is the name of the change of state?

- A** condensation
B evaporation
C freezing
D melting
- 31** A tank is full of a warm liquid. A student wants to place a cooling unit inside the tank to cool all the liquid as quickly as possible. There are two possible positions for the cooling unit, **P** and **Q**. The positions are shown in the diagram.



How does cooling affect the density of the liquid and what is the best position for the cooling unit?

	effect of cooling	best position for cooling unit
A	decreases density	P
B	decreases density	Q
C	increases density	P
D	increases density	Q

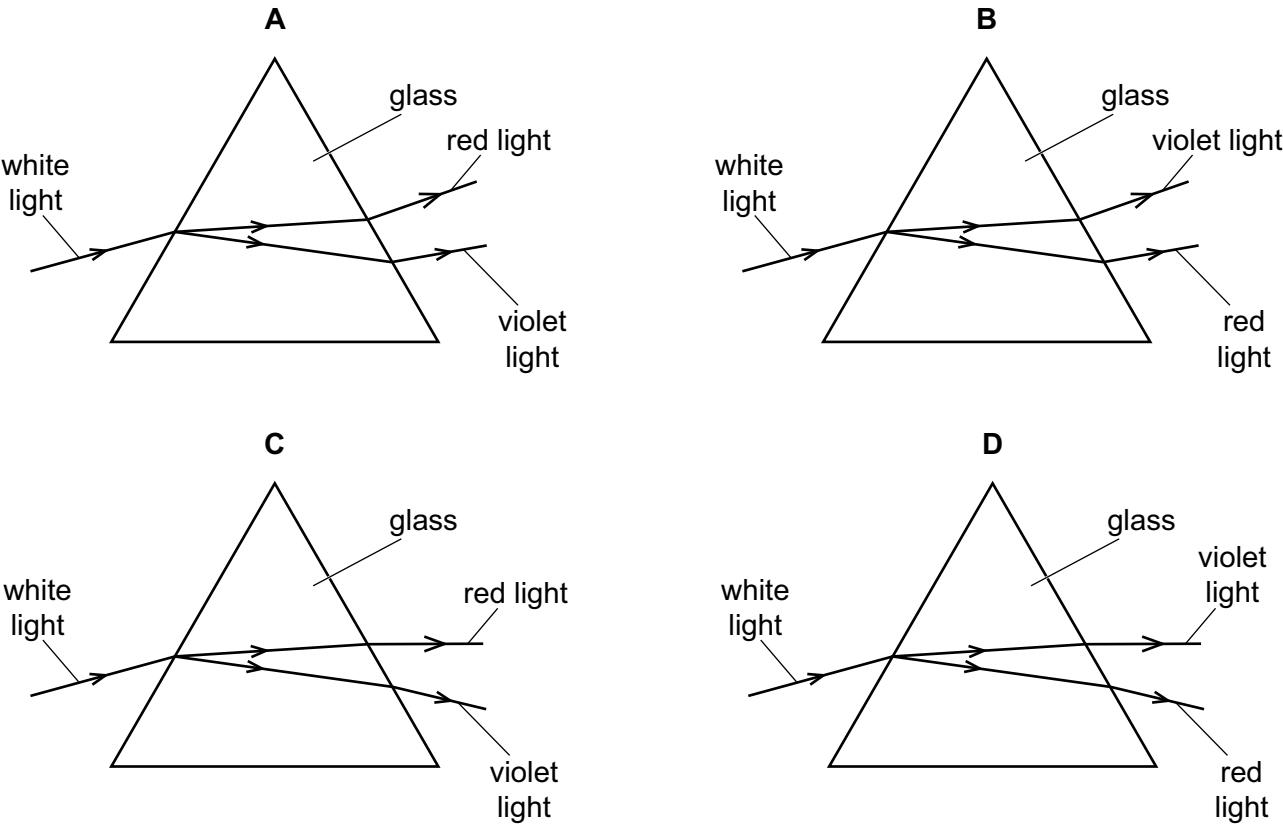
32 A seismic P-wave (primary) passes through the ground.

What is the nature of this wave and what is the direction of vibration of the ground as the P-wave passes through it?

	nature of P-wave	direction of vibration
A	longitudinal	at right angles to direction of propagation
B	longitudinal	parallel to direction of propagation
C	transverse	at right angles to direction of propagation
D	transverse	parallel to direction of propagation

33 White light passes through a glass prism and produces an spectrum.

Which diagram shows the paths of the red light and the violet light?



- 34** An electric heater and an electric motor are connected to a mains power supply.

The power of the heater is 3.0 kW and the power of the motor is 1.0 kW.

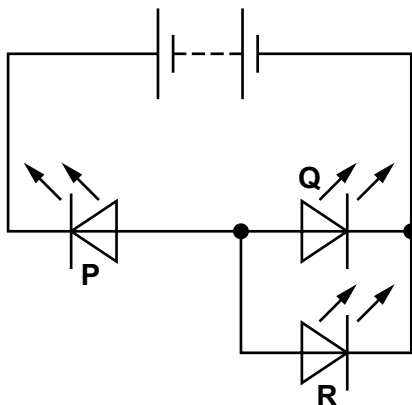
The cost of electricity is \$0.20 per kWh.

What is the total cost of using the heater and the motor for 5.0 hours?

- A** \$0.12
B \$0.16
C \$3.00
D \$4.00
- 35** A quantity is defined as ‘the electrical work done by a source in moving a unit charge around a complete circuit’.

What is the quantity?

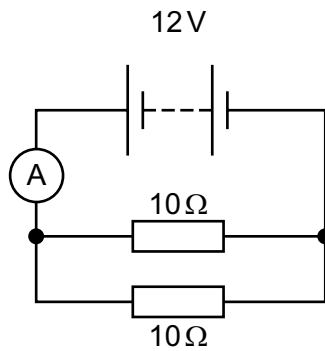
- A** electric current
B electromotive force (e.m.f.)
C potential difference (p.d.)
D resistance
- 36** The diagram shows a battery that is connected to three LEDs, **P**, **Q** and **R**.



Which of the LEDs are lit?

- A** **P** only
B **P** and **Q** only
C **Q** and **R** only
D none of them

- 37 The diagram shows a 12 V battery connected to an ammeter and two $10\ \Omega$ resistors.



What is the reading on the ammeter?

- A** 0.60 A
B 1.2 A
C 2.4 A
D 60 A
- 38 A teacher wants to connect an electric heater to the mains supply.
The safety label on the heater states that the heater is double-insulated.
What does the teacher know from reading this label?
- A** The outer casing of the heater does **not** need to be earthed.
B The outer casing of the heater must be earthed.
C The heater needs two fuses.
D The heater needs two trip switches.
- 39 A planet orbits the Sun with an orbital speed of 48 km/s. The radius of the orbit is 5.7×10^7 km.
What is the orbital period of the planet?
- A** 3.7×10^6 s
B 7.5×10^6 s
C 8.6×10^9 s
D 1.7×10^{10} s

- 40** Which sequence is part of the life cycle of a small star (about the same size as the Sun)?
- A** red giant → planetary nebula + white dwarf
 - B** red giant → supernova → black hole
 - C** red supergiant → planetary nebula + black hole
 - D** red supergiant → supernova → white dwarf

Answer Sheet_____

	A	B	C	D
1	☐	☐	☐	☐
2	☐	☐	☐	☐
3	☐	☐	☐	☐
4	☐	☐	☐	☐
5	☐	☐	☐	☐
6	☐	☐	☐	☐
7	☐	☐	☐	☐
8	☐	☐	☐	☐
9	☐	☐	☐	☐
10	☐	☐	☐	☐
11	☐	☐	☐	☐
12	☐	☐	☐	☐
13	☐	☐	☐	☐
14	☐	☐	☐	☐
15	☐	☐	☐	☐
16	☐	☐	☐	☐
17	☐	☐	☐	☐
18	☐	☐	☐	☐
19	☐	☐	☐	☐
20	☐	☐	☐	☐

	A	B	C	D
21	☐	☐	☐	☐
22	☐	☐	☐	☐
23	☐	☐	☐	☐
24	☐	☐	☐	☐
25	☐	☐	☐	☐
26	☐	☐	☐	☐
27	☐	☐	☐	☐
28	☐	☐	☐	☐
29	☐	☐	☐	☐
30	☐	☐	☐	☐
31	☐	☐	☐	☐
32	☐	☐	☐	☐
33	☐	☐	☐	☐
34	☐	☐	☐	☐
35	☐	☐	☐	☐
36	☐	☐	☐	☐
37	☐	☐	☐	☐
38	☐	☐	☐	☐
39	☐	☐	☐	☐
40	☐	☐	☐	☐