



Private & Confidential

Term 1 Science Exam Paper

Student ID

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Student Name : _____

Subject Code & Name : Science
Semester & Year : Term 1, 2022
Lecturer/Examiner : Mr Dhillon
Duration : 1 Hour 30 Minutes

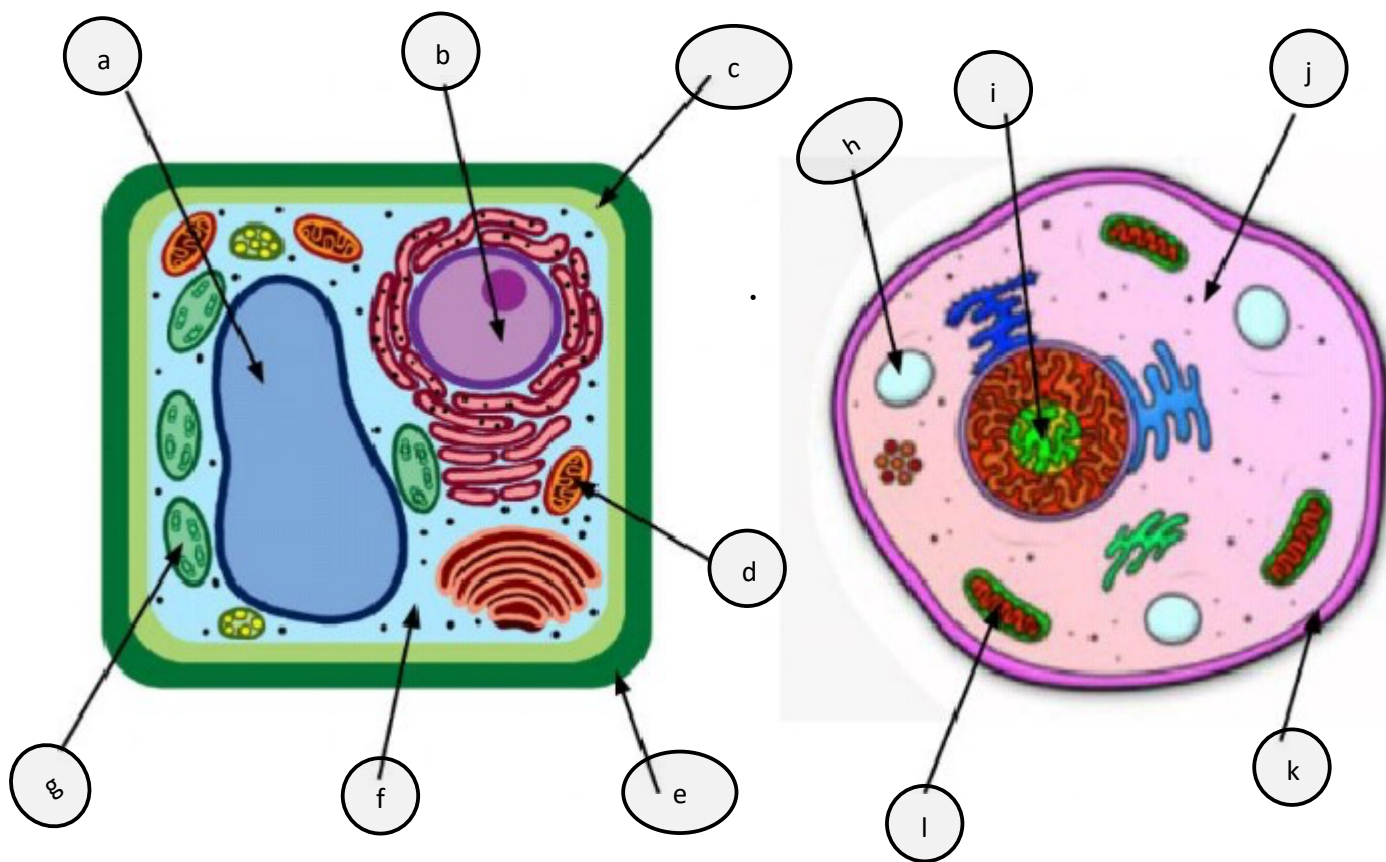
INSTRUCTIONS TO CANDIDATES

1. This question paper consists of **THREE (2)** section questions:
 - i. Students are required to answer **ALL SECTIONS**.
1. Study the “REQUIRED” section of each question carefully. Then extract the data required for your answers from the information supplied.
2. Write your answers in blue or black ink/ballpoint. You can only use pencil for graphs, charts, diagrams, etc.
3. Begin your answer to each question on a new page.
4. All answers must be correctly numbered but need not be in numerical order.
5. Workings must be shown.
6. You may use a calculator provided the calculator gives no printout, has no word display facilities, is silent and cordless. The provision of batteries and their condition is your responsibility.
7. Marks may be lost through lack of neatness and poor presentation
8. Candidates are not allowed to bring any unauthorized materials except writing equipment into the Examination Hall. Electronic dictionaries are strictly prohibited.
9. This question paper must be submitted along with all used and/or unused rough papers and/or graph paper (if any). Candidates are **NOT** allowed to take any examination materials out of the examination hall.

WARNING: EC Global Academy regards cheating as a most serious offence and will not hesitate to mete out the appropriate punitive actions according to the severity of the offence committed, and in accordance with the clauses stipulated in the Parents’ Handbook, up to and including expulsion from EC Global Academy

1(i) Use the box below to label the organelles of the plant and animal cells. Make sure to copy the name of the organelle correctly. Some of the organelles can be used more than one time.

Mitochondria	Large Vacuole	Small Vacuole	Cytoplasm
Cell Membrane	Nucleus	Chloroplasts	Cell Wall



(ii) The type of cell in picture 1 is:

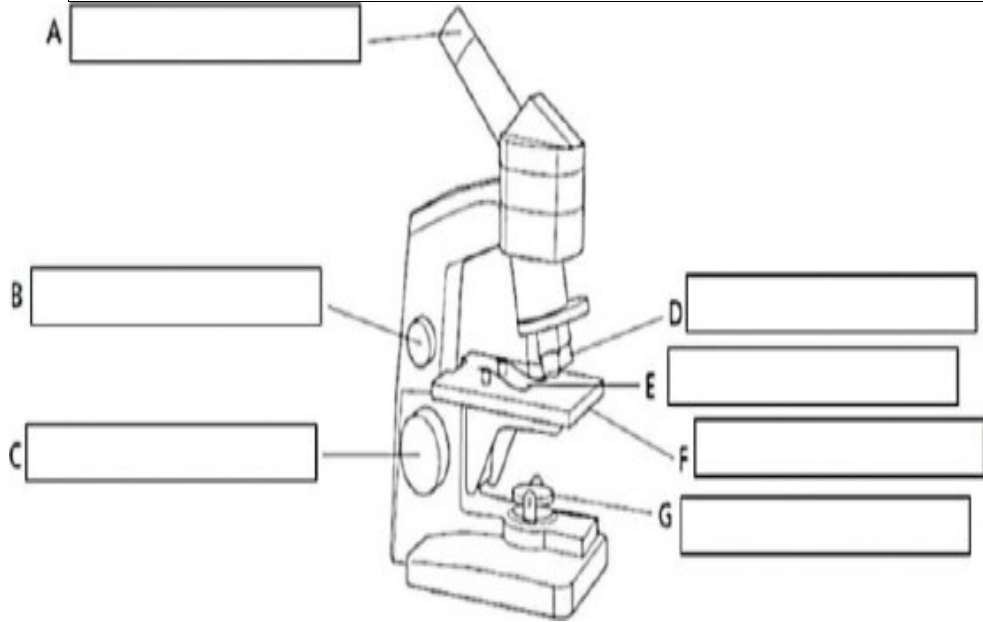
(iii) The type of cell in picture 2 is:

(iv) List the organelles that are only found in PLANT cells.....

(15 marks)



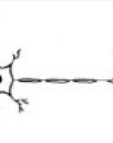
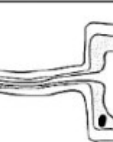

2. Use the words from the box below to the correctly label the instrument.

coarse focus eyepiece lens mirror objective lens fine focus stage
slide




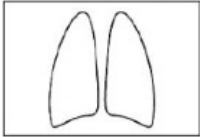

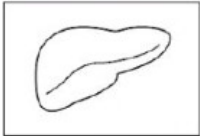
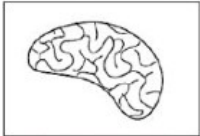
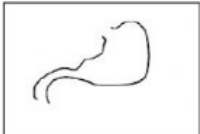
(7 marks)

3. Match the picture with the correct name and job.

Picture	Name	Job
	muscle cell	strands wave about to move things
	root hair cell	it can change length
	ciliated epithelial cell	it takes water from the soil
	palisade cell	it carries messages
	nerve cell	it has lots of chloroplasts to help the plant make food

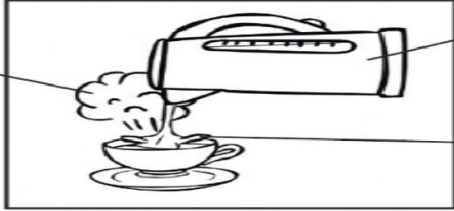
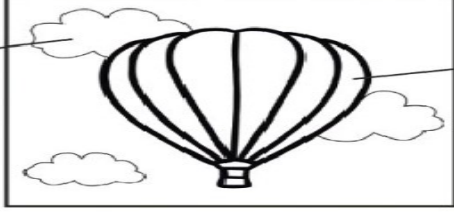
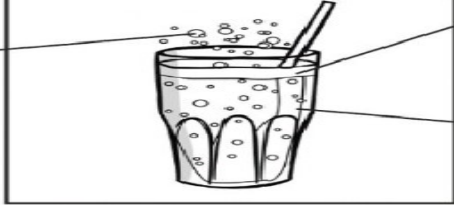
(5 marks)

4. Match the picture of the organ with its name and its job. One of these has been done for you as an example.

Picture	Name	Job
	lungs	controls the body
	brain	for breathing
	liver	pumps blood
	heart	makes and destroys substances
	intestines	stores and breaks up food
	stomach	digest and absorb food and water

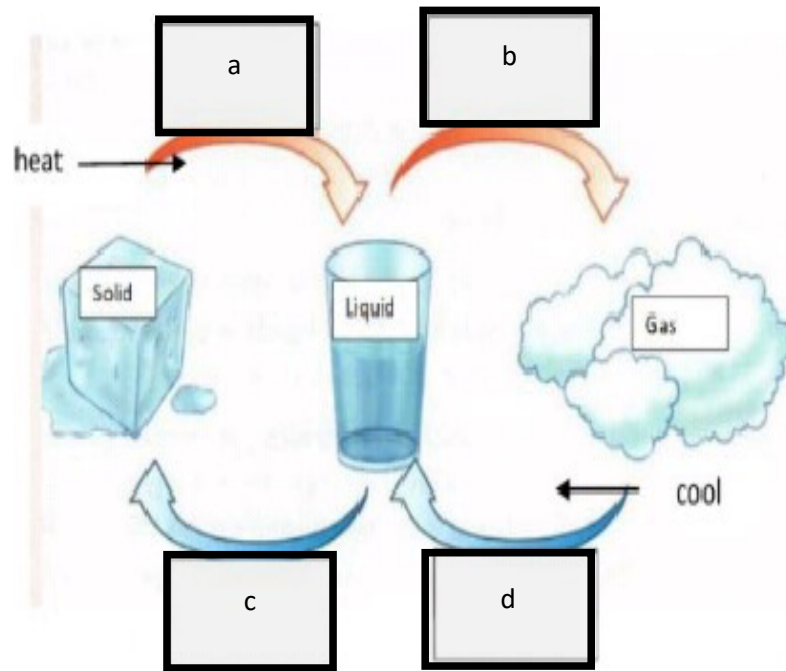
(6 marks)

5. Look at the diagrams below. Write in each box whether the Labelled part is a gas, liquid or a solid.

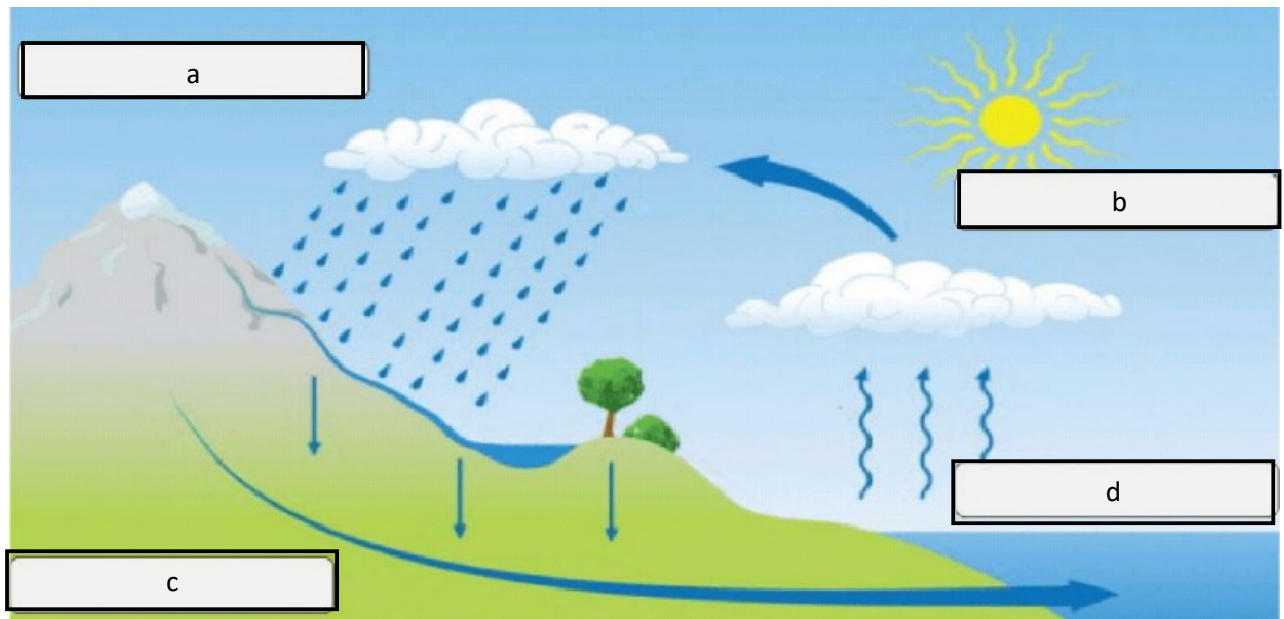
water vapour a		kettle d
cloud b		water e
bubbles c		hot air f
		lemonade g
		glass h

(8 marks)

6. Name the process below.



(4 marks)



7. Name the process above and answer the following questions.

(a) The sun heats water and creates vapor. _____

(b) The water vapor goes up and form clouds. _____

(c) When the clouds become too heavy and cannot hold more water inside.

(d) Mention three types of precipitation.

1. _____

2. _____

3. _____

(10 marks)