

Anglo-Chinese School (Junior)



SEMESTRAL ASSESSMENT (2020)

PRIMARY 3

SCIENCE

BOOKLET A

Tuesday

3 November 2020

1 hr 45 min

Name: _____ (.) Class: 3.()

INSTRUCTIONS TO PUPILS

- 1 Do not turn over the pages until you are told to do so.
- 2 Follow all instructions carefully.
- 3 There are 28 questions in this booklet.
- 4 Answer ALL questions.
- 5 Shade your answers in the Optical Answer Sheet (OAS) provided.

For each question from 1 to 28, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade your answer on the Optical Answer Sheet.

(56 marks)

1. The diagrams show how animal P hides in its shell when in danger.



Which characteristic of living things is animal P showing when it is in danger?

- (1) Living things can grow.
- (2) Living things can move.
- (3) Living things can reproduce.
- (4) Living things can respond to changes.

2. Study the following diagrams.



Kitten



Toy bear

Which of the following shows the correct masses of the kitten and the toy bear over three months?

(1)

| Month | Mass (g) | |
|-------|----------|----------|
| | Kitten | Toy bear |
| 1 | 500 | 500 |
| 2 | 500 | 500 |
| 3 | 500 | 500 |

(2)

| Month | Mass (g) | |
|-------|----------|----------|
| | Kitten | Toy bear |
| 1 | 500 | 500 |
| 2 | 1000 | 510 |
| 3 | 1500 | 530 |

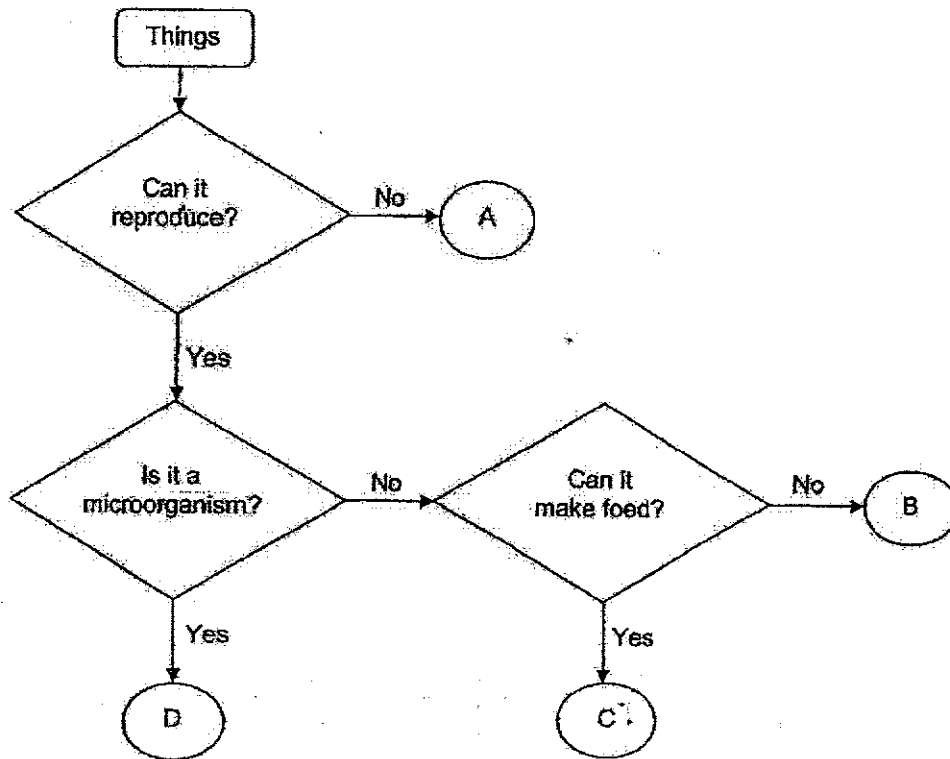
(3)

| Month | Mass (g) | |
|-------|----------|----------|
| | Kitten | Toy bear |
| 1 | 500 | 500 |
| 2 | 1000 | 500 |
| 3 | 1500 | 500 |

(4)

| Month | Mass (g) | |
|-------|----------|----------|
| | Kitten | Toy bear |
| 1 | 500 | 500 |
| 2 | 500 | 510 |
| 3 | 500 | 530 |

3. Study the flowchart.

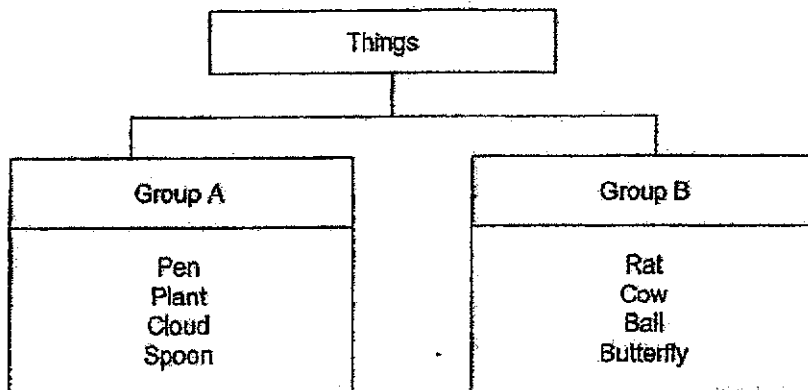


Which letters, A, B, C and D, best represent a fern and bacteria?

| | Fern | Bacteria |
|-----|------|----------|
| (1) | B | A |
| (2) | A | D |
| (3) | D | B |
| (4) | C | D |

4

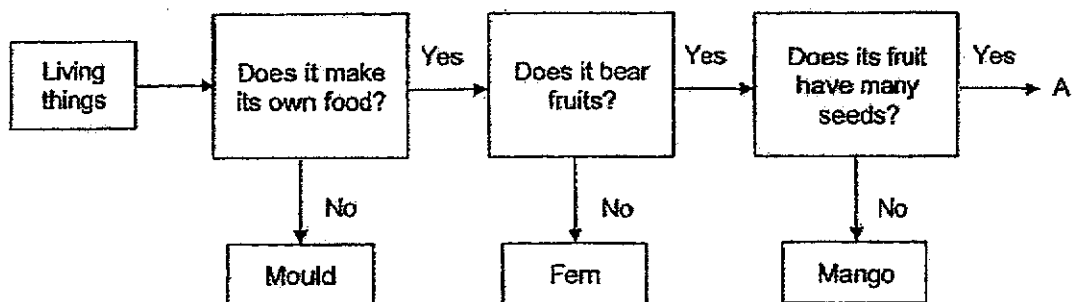
4. Study the classification chart.



Which things have been classified wrongly in Groups A and B?

| | Group A | Group B |
|-----|---------|-----------|
| (1) | Cloud | Cow |
| (2) | Plant | Ball |
| (3) | Pen | Rat |
| (4) | Spoon | Butterfly |

5. The flowchart describes a few characteristics of some living things.



Based on the flowchart, which one of the following best describes A?

- (1) It makes its own food but does not bear fruits.
- (2) It does not make its own food and does not bear fruits.
- (3) It makes its own food and bears fruits with many seeds.
- (4) It makes its own food but does not bear fruits with many seeds.

6. Tom wanted to find out if the amount of water given to plants affect their growth. He prepared three similar set-ups as the one shown.



What should be the changed variable for his experiment?

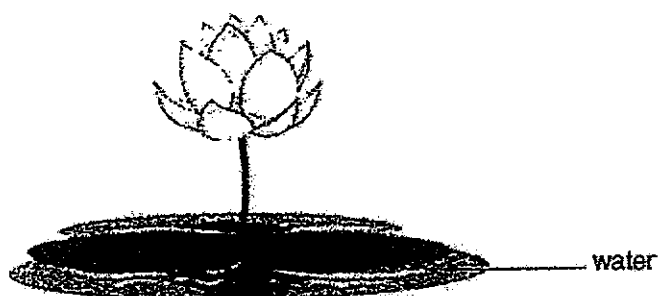
- (1) The type of plant
 - (2) The amount of water
 - (3) The number of leaves
 - (4) The location of the experiment
7. Four children made the following statements.
- Ali: Flowering plants reproduce by spores.
- Bob: Non-flowering plants do not have seeds.
- Carl: Roots of all plants can only be found underground.
- Dan: All flowering plants produce flowers throughout the year.

Who made the correct statement?

- (1) Ali
- (2) Bob
- (3) Carl
- (4) Dan

6

8. The diagram shows a plant found in a pond.



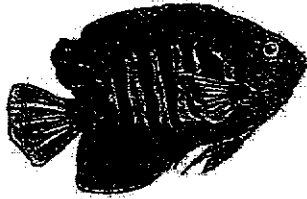
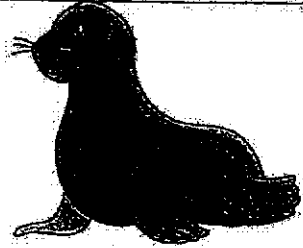
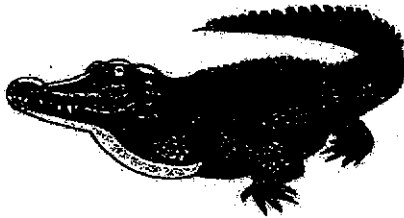

A tick (✓) in the box indicates that the plant has that characteristic. Which of the following best represents the plant?

| | Grows in water | Has flowers | Can make its own food |
|-----|----------------|-------------|-----------------------|
| (1) | ✓ | ✓ | |
| (2) | | | ✓ |
| (3) | | ✓ | ✓ |
| (4) | ✓ | ✓ | ✓ |

9. Read the riddle on animal Z.

I live in water. I breathe through my gills and I can swim with the help of my fins. I reproduce by laying eggs.

Which of the following animals is most likely to be animal Z?

| | |
|--|--|
| <p>(1)</p>  <p>Angelfish</p> | <p>(2)</p>  <p>Seal</p> |
| <p>(3)</p>  <p>Crocodile</p> | <p>(4)</p>  <p>Penguin</p> |

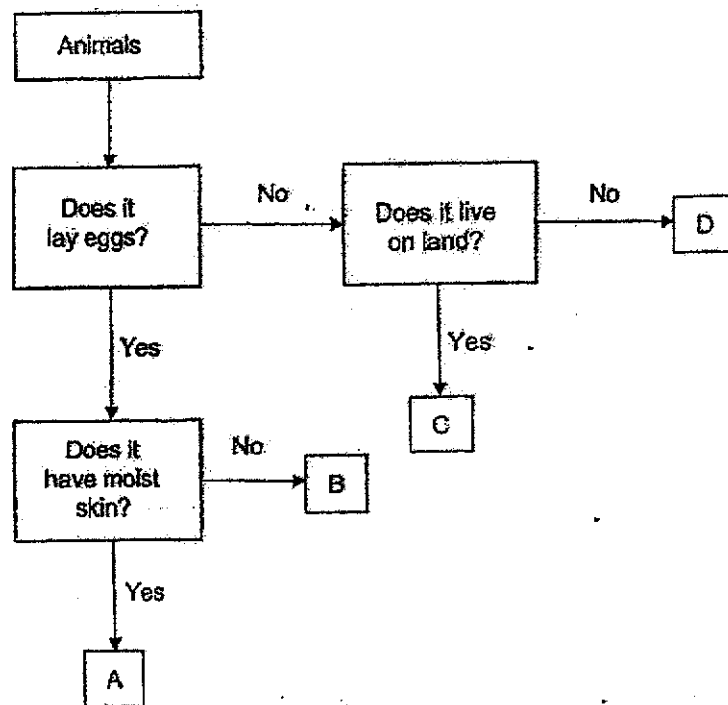
10. Study the classification table.

| P | Q |
|-----------|-------|
| Clownfish | Mouse |
| Frog | Lion |
| Butterfly | Goat |

Which of the following is the correct headings for P and Q?

| | P | Q |
|-----|---------------------------------|-------------------------------|
| (1) | Live in water | Live on land |
| (2) | Lay eggs | Give birth to young alive |
| (3) | Does not have legs | Have legs |
| (4) | Has an outer covering of scales | Has an outer covering of hair |

11. Study the flowchart.



Which animal group does animal A belong to?

- (1) Fish
- (2) Reptiles
- (3) Mammals
- (4) Amphibians

12. Four students made the following statements about the characteristics of animals:

April: Reptiles have dry skin.

Betty: All insects have wings.

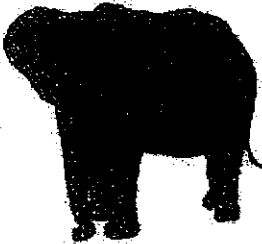
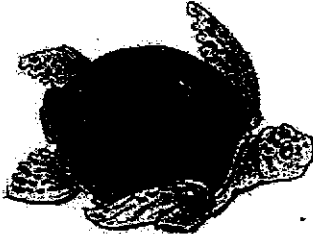


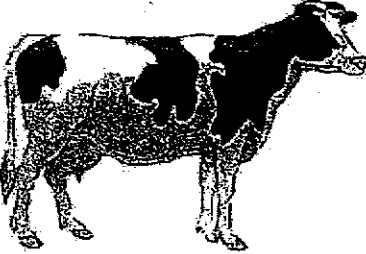

Carl: Amphibians only breathe through their lungs.

David: Mammals produce milk for their young to feed on.

Which of the following two students made a wrong statement?

- (1) April and Betty
- (2) April and David
- (3) Betty and Carl
- (4) Carl and David

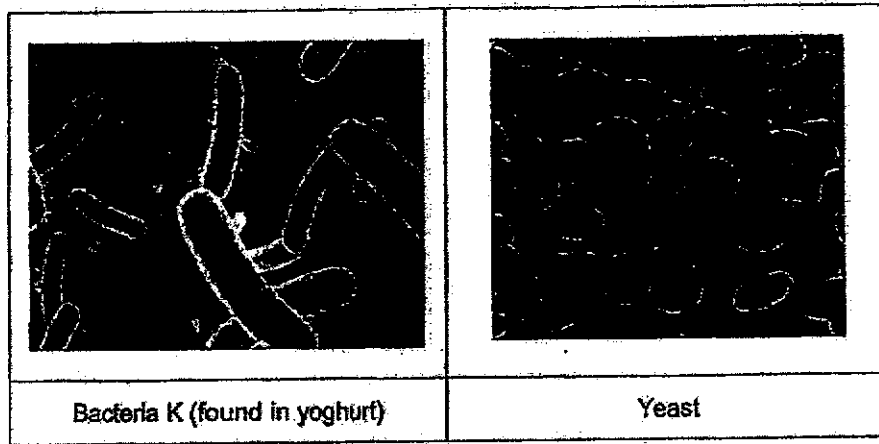
13. Study the classification table.

| Group X | Group Y |
|---|---|
|  Elephant |  Turtle |
|  Bat |  Salamander |
|  Cow |  Monitor Lizard |

Which animal is classified wrongly?

- (1) Bat
- (2) Turtle
- (3) Elephant
- (4) Salamander

14. Mrs Heng studied the characteristics of bacteria K and yeast.



She made the following conclusions:

- A: Bacteria K reproduce by spores.
- B: Both bacteria K and yeast are useful.
- C: Yeast can be seen with the naked eye.
- D: Both bacteria K and yeast feed only on living things that are alive.

Which of the following conclusion(s) is/are correct?

- (1) B only
 - (2) A and C only
 - (3) A and D only
 - (4) B, C and D only
15. Which of the following is a similarity between fungi and bacteria?
- (1) They are all harmful.
 - (2) They need sunlight to grow.
 - (3) They only grow in dry places.
 - (4) They come in different shapes and sizes.

16. The table shows the different characteristics, X, Y and Z, of a mushroom, bacteria and a fern. A tick (✓) indicates that the living thing has the characteristic.

| Characteristics | Mushroom | Bacteria | Fern |
|-----------------|----------|----------|------|
| X | | | ✓ |
| Y | ✓ | | ✓ |
| Z | | ✓ | |

Which of the following characteristics can X, Y and Z be?





| | X | Y | Z |
|-----|------------------------------------|------------------------------------|------------------------------------|
| (1) | Can make its own food | Reproduce by spores | Can only be seen with a microscope |
| (2) | Can only be seen with a microscope | Can make its own food | Reproduce by spores |
| (3) | Reproduce by spores | Can only be seen with a microscope | Can make its own food |
| (4) | Can make its own food | Can be seen with the naked eye | Reproduce by spores |

17. Where can fungi grow?

- A: A rotting log
- B: A dry glass container
- C: A fruit left on the kitchen table
- D: A damp leather bag made from animal skin in the cupboard

- (1) B only
- (2) A and D only
- (3) B and C only
- (4) A, C and D only

18. Hua Yi wanted to find out if bread mould needs warmth to grow. She prepared four set-ups as shown.

| | |
|--|--|
|  <p>Fresh bread</p> <p>Sprinkled with 10 drops of water and placed in refrigerator.</p> <p>Set-up A</p> |  <p>Toasted bread</p> <p>Placed in refrigerator</p> <p>Set-up B</p> |
|  <p>Fresh bread</p> <p>Sprinkled with 5 drops of water and placed on top of cupboard.</p> <p>Set-up C</p> |  <p>Fresh bread</p> <p>Sprinkled with 10 drops of water and placed on top of cupboard.</p> <p>Set-up D</p> |

Which two set-ups should she use to test her aim?

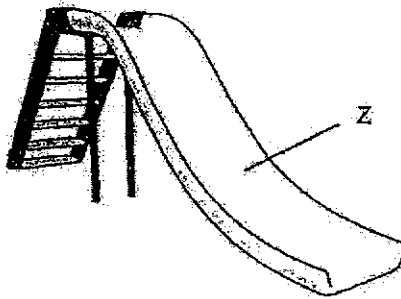
- (1) A and B
 - (2) A and D
 - (3) B and C
 - (4) C and D
19. Study the classification table.

| Materials | | | |
|-----------|----------|---------|------------|
| Group P | Group Q | Group R | Group S |
| Worksheet | Sock | Nail | Brick |
| Newspaper | Bedsheet | Staple | Floor tile |

Which of the following can be classified under Group Q?

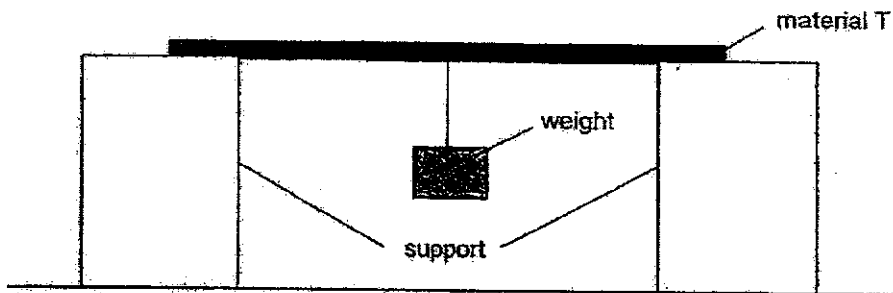
- (1) Pin
- (2) Vase
- (3) Towel
- (4) Magazine

20. The diagram shows a slide at an outdoor playground.



Besides strength, which other important property must be considered when making part Z?

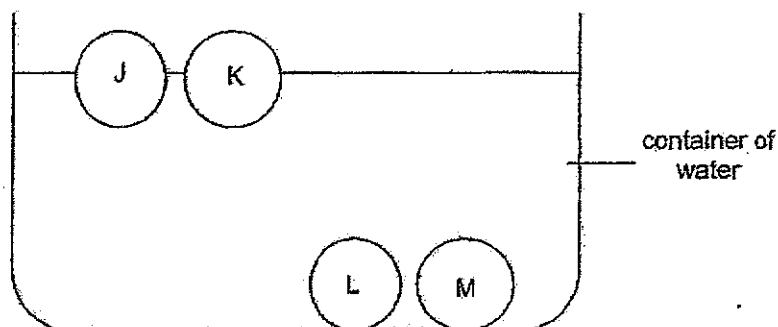
- (1) Flexibility
 - (2) Waterproof
 - (3) Transparency
 - (4) Ability to float in water
21. Wan Yee conducted an experiment with material T as shown. She continued to hang more weights from material T until it broke.



What was the aim of Wan Yee's experiment?

- (1) To find out how heavy material T is.
- (2) To find out how strong material T is.
- (3) To find out how flexible material T is.
- (4) To find out how transparent material T is.

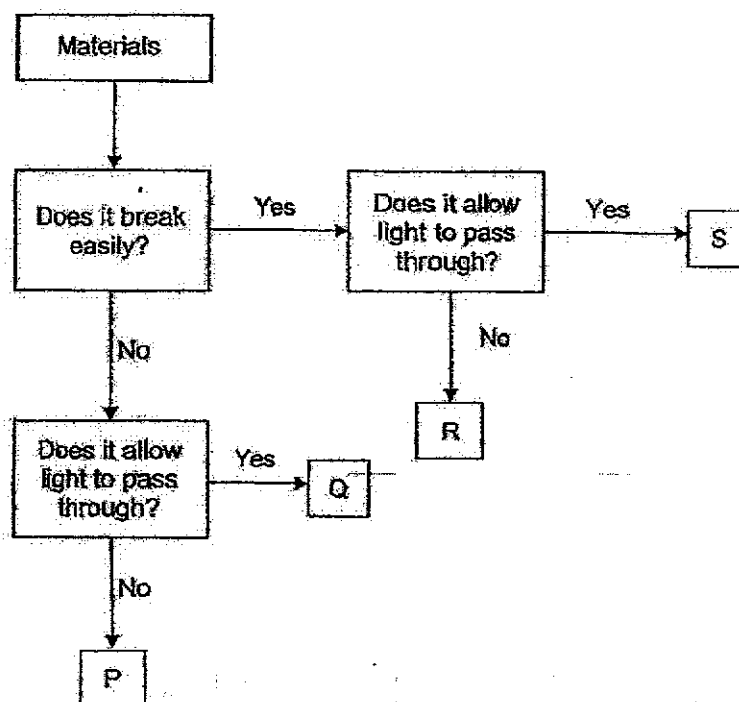
22. Mrs Tan dropped four similar balls, J, K, L and M, made of different materials into a container of water.



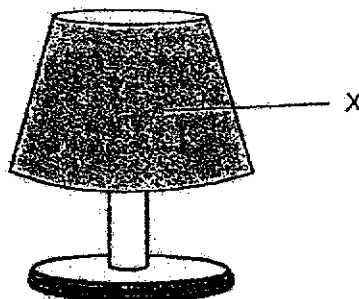
Based only on the diagram, which of the following conclusions can she make?

- A: Only balls L and M sink in water.
 - B: Ball M will float after some time.
 - C: Ball K must be made of polystyrene.
 - D: Balls J and K will sink when more water is added.
- (1) A only
- (2) A and C only
- (3) B and D only
- (4) B, C and D only

23. Study the flowchart.



Which material would be most suitable to make part X of a table lamp?



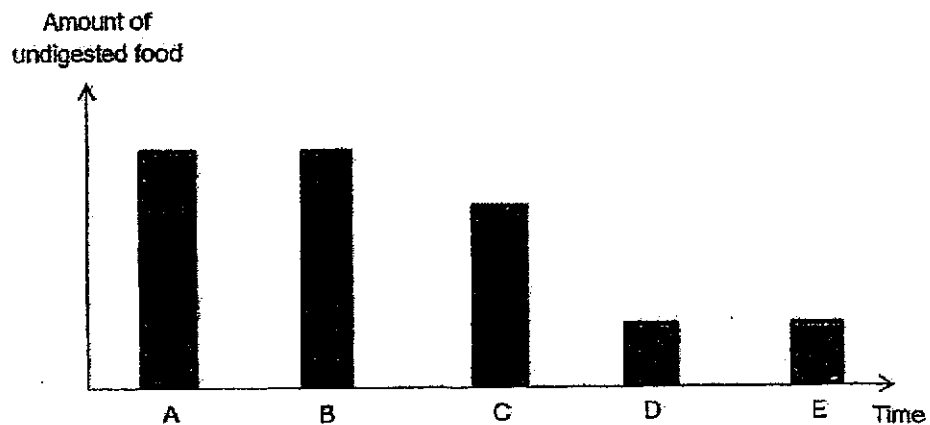
- (1) P
- (2) Q
- (3) R
- (4) S

24. The table shows the functions of a few human organ systems.

| | |
|---|---|
| A | Gives the body its shape |
| B | Helps different parts of the body to move |
| C | Carries waste materials away from different parts of the body |
| D | Carries digested food, water and oxygen in the blood to all parts of the body |

Which one of the following is/are the function(s) of the human circulatory system?

- (1) D only
 - (2) A and B only
 - (3) C and D only
 - (4) A, B, C and D
25. The bar graph shows the amount of undigested food leaving the various organs, A, B, C, D and E, as it travels through the digestive system.

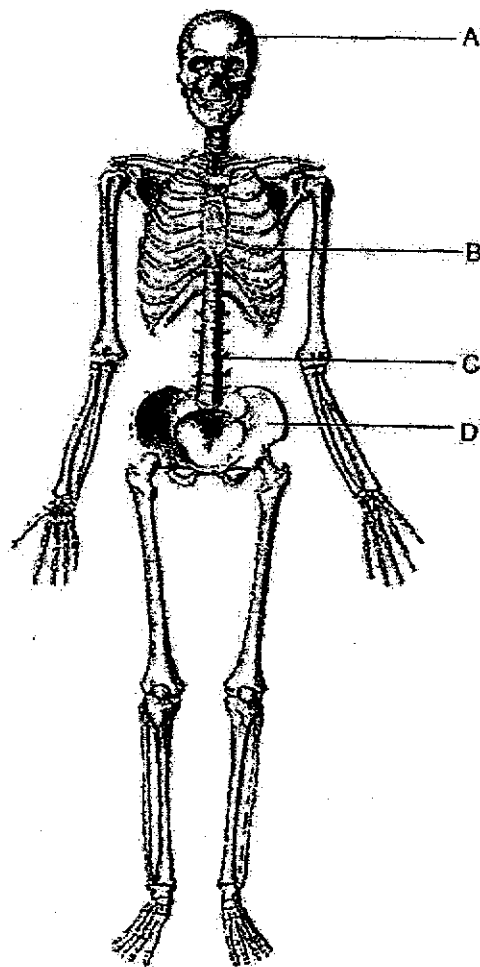


Which of the following represents the stomach and the small intestine?

| | Stomach | Small intestine |
|-----|---------|-----------------|
| (1) | A | B |
| (2) | B | C |
| (3) | C | D |
| (4) | D | E |

17




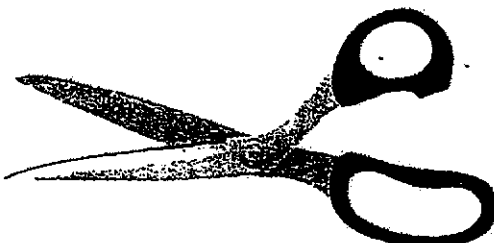
26. The diagram shows parts of the human skeletal system.



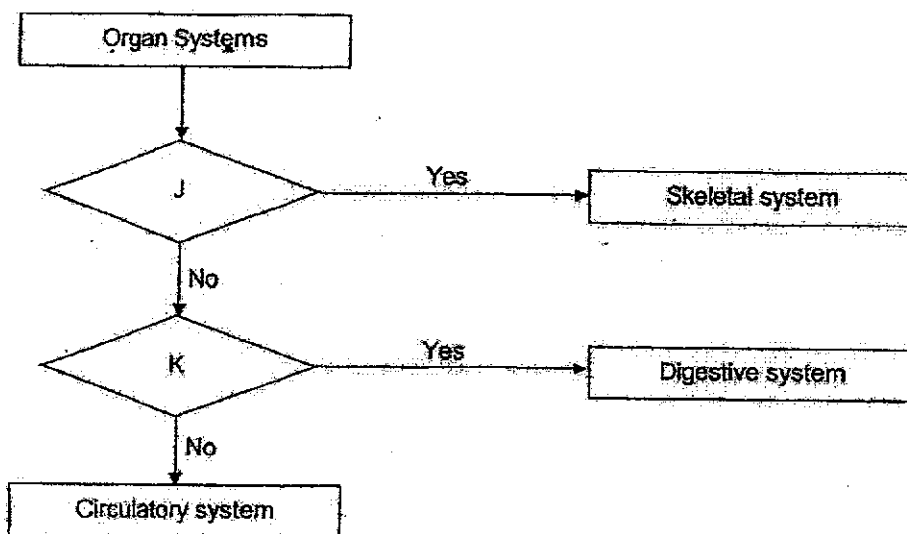
Which part protects our heart?

- (1) A
- (2) B
- (3) C
- (4) D

27. Which of the following is a system?

| | | |
|-----|----------|--|
| (1) | Coin |  |
| (2) | Ruler |  |
| (3) | Eraser |  |
| (4) | Scissors |  |

28. Study the flowchart.



Which of the following represents J and K?

| | J | K |
|-----|---|---|
| (1) | Does it support the body? | Does it protect important organs in the body? |
| (2) | Does it give the body shape? | Does it break down food into simple substances? |
| (3) | Does it support the body? | Does it transport blood to all parts of the body? |
| (4) | Does it protect important organs in the body? | Does it help the body to move? |

End of Booklet A

Anglo-Chinese School (Junior)



SEMESTRAL ASSESSMENT (2020)

PRIMARY 3

SCIENCE

BOOKLET B

Tuesday

3 November 2020

1 hr 45 min

Name: _____ () Class: 3.() Parent's Signature: _____

INSTRUCTIONS TO PUPILS

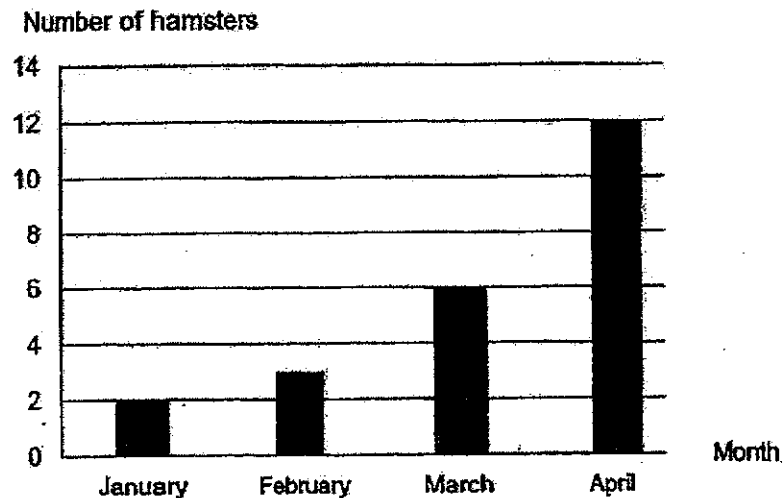
- 1 Do not turn over the pages until you are told to do so.
- 2 Follow all instructions carefully.
- 3 There are 13 questions in this booklet.
- 4 Answer ALL questions.
- 5 The marks are given in the brackets [] at the end of each question or part question.

| Booklet | Possible Marks | Marks Obtained |
|---------|----------------|----------------|
| A | 56 | |
| B | 44 | |
| Total | 100 | |

For questions 29 to 41, write your answers in this booklet.

The number of marks available is shown in brackets [] at the end of each question or part question. (44 marks)

29. Peter kept some hamsters in a cage for some time. He fed them with the same amount of food and water every day. The bar graph shows the number of hamsters in the cage over four months.



- (a) Based on the graph, what happened to the number of hamsters from January to April? [1]

- (b) Based on the graph, which characteristic of living things is observed from January to April? [1]

- (c) State another characteristic of living things. [1]

(Go on to the next page)

| | |
|-------|---|
| SCORE | |
| | 3 |

30. The table shows the characteristics of four living things, A, B, C and D. A tick (✓) shows that the living thing has that characteristic.


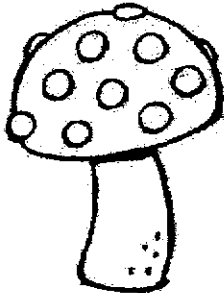
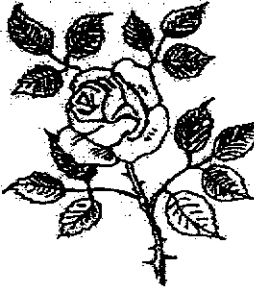

| Characteristic | Living Things | | | |
|-----------------------|---------------|---|---|---|
| | A | B | C | D |
| Does it make food? | ✓ | ✓ | | |
| Does it have flowers? | ✓ | | | |
| Does it have hair? | | | ✓ | |

- (a) Based on the table, what is the difference between A and B?

[1]

- (b) Using the information in the table above, classify living things A, B, C and D, in the boxes below.

[2]

| fern | toadstool | rose plant | bat |
|---|---|--|---|
|  |  |  |  |
| | | | |

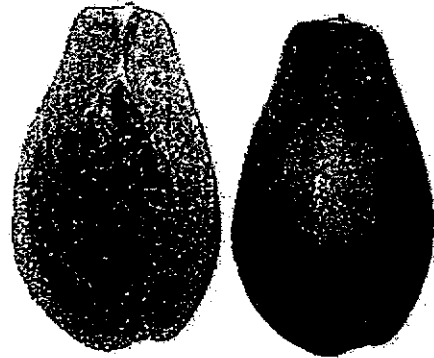
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| | |
|-------|---|
| SCORE |  |
| | 3 |

31. Study the pictures of the fruits.



soursop



papaya

- (a) Based only on your observation of the pictures, state a similarity and a difference between the soursop and papaya. [Do not compare shape, size or colour.] [2]

Similarity: _____

Difference: _____

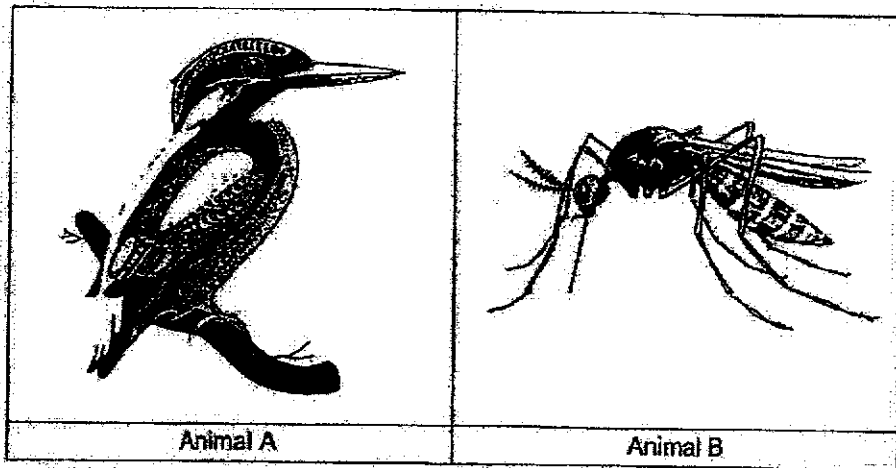
- (b) Read the following statements. Write 'T' for each statement that is true and 'F' for each statement that is false. [2]

| | Statement | True 'T' or False 'F' |
|-------|--|-----------------------|
| (i) | Plants can only be found on land. | |
| (ii) | Most non-flowering plants reproduce by seeds. | |
| (iii) | Leaves of different plants can have different colours. | |
| (iv) | Plants need air, food and water to survive. | |

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| | |
|-------|---|
| SCORE | 4 |
|-------|---|

32. Study the pictures of animals.



- (a) Based only on your observation of the pictures, state one similarity and one difference between the physical characteristics of animal A and B. [Do not compare shape, size or colour.] [2]

Similarity: _____

Difference: _____

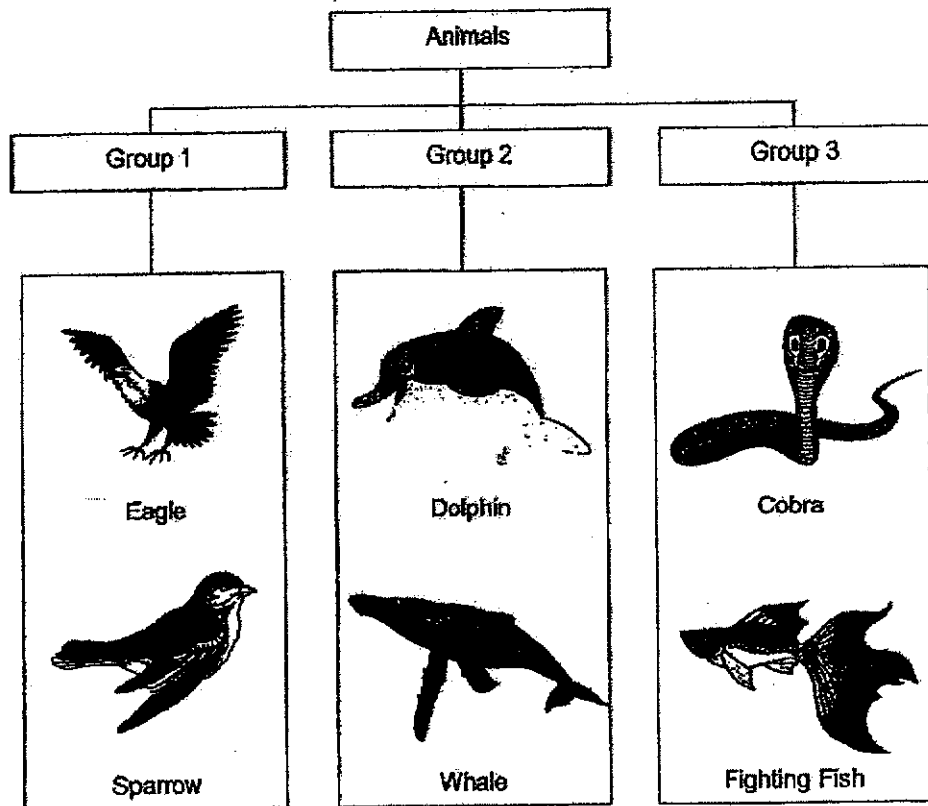
- (b) State the function of animal A's outer covering. [1]

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| | |
|-------|--------------|
| SCORE | <div>3</div> |
|-------|--------------|

6

33. John grouped some animals into a classification chart.



(a) What characteristic did John use to group the animals? [1]

(b) Name another animal that can be placed in Group 2. [1]

(c) John decided to regroup the animals such that there are three animals in each group. Group the animals in the table provided and state their headings clearly. [2]

| | |
|--|--|
| | |
| | |

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| | |
|-------|---|
| SCORE | 4 |
|-------|---|

7

34. Bala wanted to find out which type of hand sanitizer, X, Y or Z, is the most effective in killing bacteria.

- (a) Tick (✓) the variable(s) which should be kept the same for Bala to carry out a fair test.

[1]

| Variables | Tick (✓) |
|---|----------|
| Type of sanitizer | |
| Amount of sanitizer | |
| Location of the experiment | |
| Amount of bacteria at the start of the experiment | |

- (b) Bala was given some steps to conduct his experiment. However, the steps were not arranged in the correct order.

Arrange the steps in the correct order by writing 1, 2 and 3 in the boxes. Step 4 has already been done for you.

[1]

| Steps | Order |
|---|-------|
| Put some bacteria on a plate. | |
| Record the amount of bacteria left on the plate after 10 minutes. | |
| Repeat steps 1 to 3 for sanitizers Y and Z. | 4 |
| Add a few drops of sanitizer X onto the plate of bacteria. | |

- (c) He recorded the results of his experiment in a table as shown.

| Plate with hand sanitizer | Amount of bacteria left (unit) |
|---------------------------|--------------------------------|
| X | 45 |
| Y | 32 |
| Z | 8 |

Which sanitizer, X, Y or Z, is the most effective in killing bacteria?

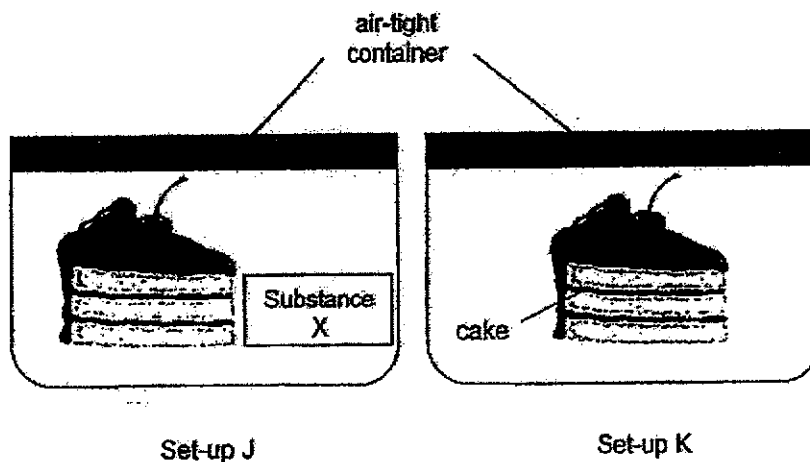
[1]

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| | |
|-------|---|
| SCORE | 3 |
|-------|---|

8

35. Daniel prepared two set-ups J and K as shown. He placed a slice of cake each in two similar air-tight containers. He then placed a packet of substance X, which removes moisture, in set-up J.



After two weeks, he noticed black spots on only one of the cakes.

- (a) What were the black spots? [1]

- (b) Which set-up, J or K, contained the cake that had black spots? Explain your answer. [1]

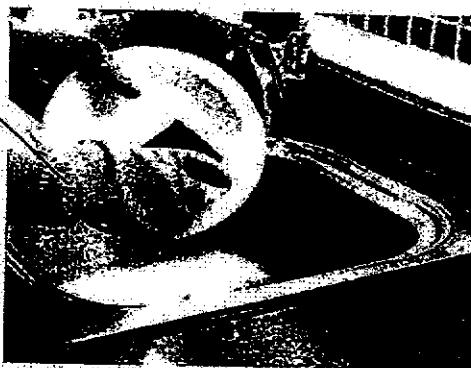
- (c) Daniel wants to find out if the black spots need sunlight to grow. What change(s) should he make to set-ups J and K to achieve this new aim? [2]

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| | |
|-------|---|
| SCORE | |
| | 4 |

36. Mrs Lim wears a pair of rubber gloves when washing dishes to keep her hands dry.

rubber gloves



- (a) Give a reason why rubber is a suitable material to make the gloves for washing dishes.

[1]

- (b) Name another material that can be used to make the gloves.

[1]

Mrs Lim wanted to find out if materials, A, B, C and D, absorb different amounts of water. She recorded the mass of each material before and after placing them in four identical containers with the same amount of water as shown in the table.

| Materials | Mass of material before placing in container (g) | Mass of material after placing it in the container(g) |
|-----------|--|---|
| A | 100 | 250 |
| B | 100 | 375 |
| C | 100 | 180 |
| D | 100 | 100 |

- (c) Based on the results, which material, A, B, C or D, is most suitable to make a towel to dry the dishes? Explain your answer.

[1]

(Go on to the next page)

| | |
|-------|---|
| SCORE | 3 |
|-------|---|

37. The table shows the different properties of materials S, T and U. A tick (✓) indicates that the material has the property.

| Property | Material | | |
|-------------|----------|---|---|
| | S | T | U |
| Strength | ✓ | ✓ | |
| Flexibility | | | ✓ |
| Waterproof | | ✓ | ✓ |

- (a) State all the properties of material U. [1]

- (b) Which material, S, T or U, is most suitable to make a surfboard used for water sports as shown in the diagram below? [1]

Material _____

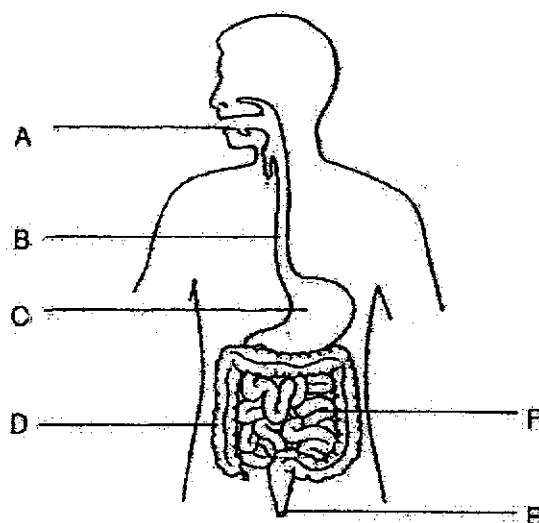


- (c) Besides the properties mentioned in the table, state another property that a surfboard should have. [1]

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| | |
|-------|---|
| SCORE | 3 |
|-------|---|

38. The diagram shows the human digestive system.



- (a) State the part(s), A, B, C, D, E or F, that match(es) the following functions. You may use the letters more than once. Not every letter needs to be used. [2]

| | Function | Part |
|-------|---|------|
| (i) | Chews food into smaller pieces | |
| (ii) | Allows food to pass from the mouth to the stomach | |
| (iii) | Produces digestive juices to break down food into simple substances | |
| (iv) | Absorbs water from undigested food | |

- (b) At which part, A, B, C, D, E or F does digestion start and end? [1]

Start: _____

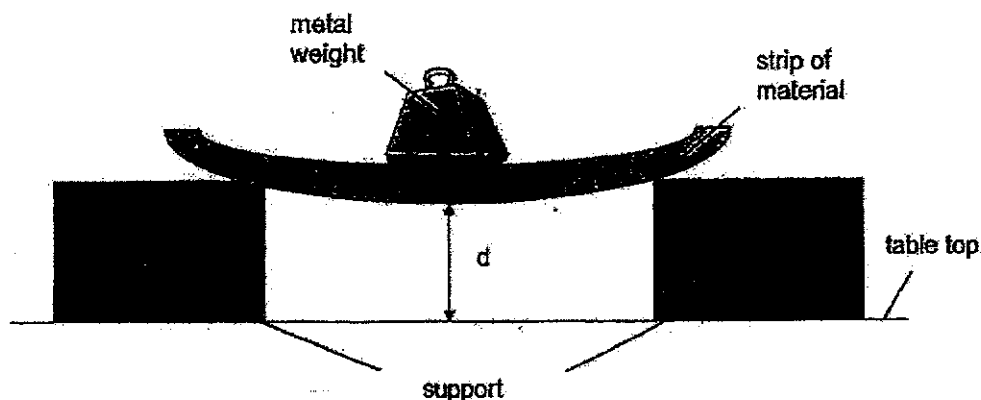
End: _____

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| | |
|-------|---|
| SCORE | 3 |
|-------|---|

12

- 39(a) Miss Koh set up an experiment to compare similar strips made of different materials, W, X, Y and Z. She placed a metal weight of 100g in the middle of the strip held by supports and recorded the distance, d , between the table top and the lowest point of the strip.



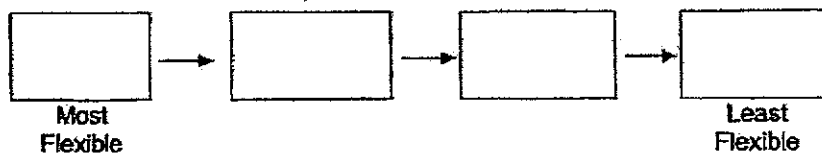
- (i) State the property of materials that was tested in the above experiment. [1]

- (ii) Miss Koh recorded her results for the different materials in the table.

| Materials | Distance, d (cm) |
|-----------|--------------------|
| W | 20 |
| X | 5 |
| Y | 25 |
| Z | 15 |

[1]

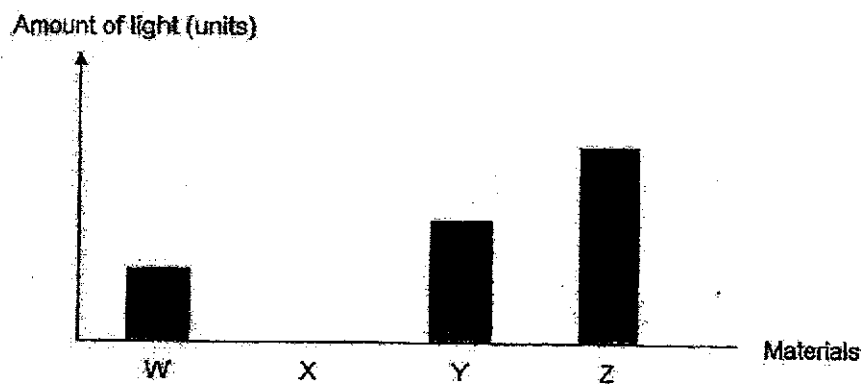
Arrange materials W, X, Y and Z starting from the most flexible material.



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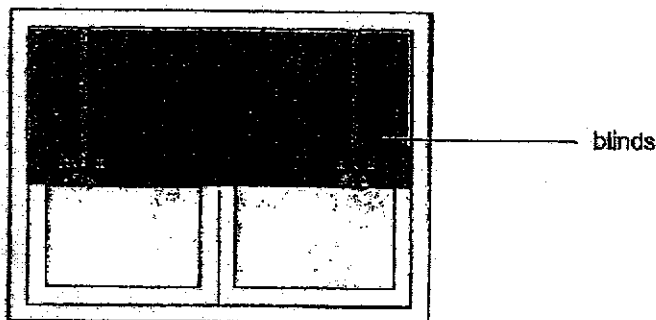
| | |
|-------|---|
| SCORE | 2 |
|-------|---|

- 39(b) Miss Koh then did another experiment to find out if materials, W, X, Y and Z, allowed different amounts of light to pass through. After conducting her experiment, she recorded her results in the bar graph as shown.



- (i) Based on the experiment, what can she conclude about material Z? [1]

Miss Koh wanted to buy blinds to completely block sunlight from entering her bedroom.

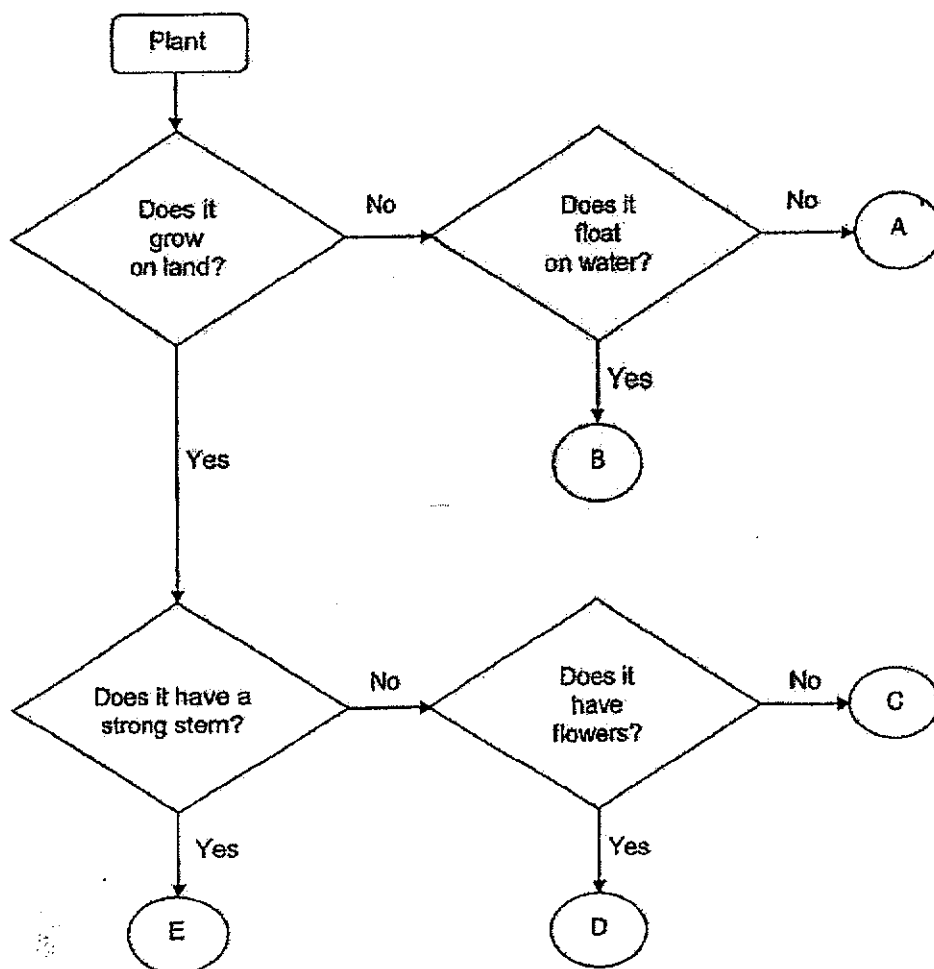


- (ii) Which material, W, X, Y and Z, should she buy for her blinds? Explain your answer. [1]

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|-------|---|
| SCORE | |
| | 2 |

40. Study the flowchart carefully.



(a) Based on the flowchart, state a difference between plants B and E.

[1]

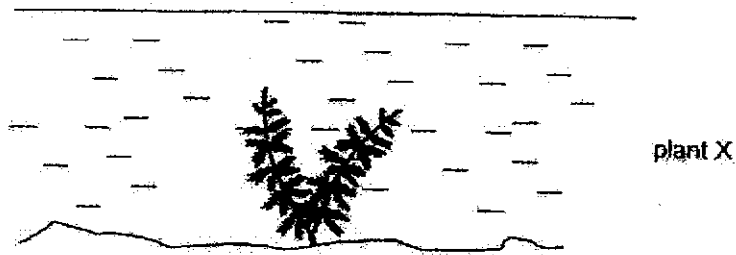
(b) State a similarity between plants C and D.

[1]

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| | |
|-------|---|
| SCORE | |
| | 2 |

- (c) Plant X grows underwater as shown.



Based on the flowchart, which plant, A, B, C, D or E, best represents plant X? [1]

41. The human body consists of a number of organ systems.

- (a) Match the organ systems to their functions. [1]

| Organ System | | Function |
|--------------------|---|--|
| Muscular system | • | • Gives the body shape |
| Respiratory system | • | • Helps different parts of the body to move |
| Skeletal system | • | • Takes air into the body, and removes air from the body |

- (b) What is the function of the digestive system? [1]

- (c) What happens to the digested food in the small intestine? [2]

End of Paper

| | |
|-------|---|
| SCORE | |
| | 5 |

ANSWER KEY

YEAR : 2020

LEVEL : PRIMARY 3

SCHOOL : ANGLO-CHINESE SCHOOL



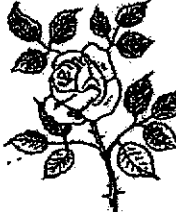



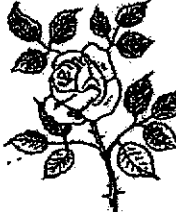



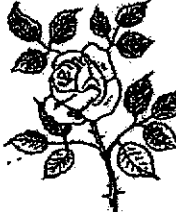

SUBJECT : SCIENCE

TERM : SA2

BOOKLET A

| | | | | | | | | | |
|-----|---|-----|---|-----|---|-----|---|-----|---|
| Q1 | 4 | Q2 | 3 | Q3 | 4 | Q4 | 2 | Q5 | 3 |
| Q6 | 2 | Q7 | 2 | Q8 | 4 | Q9 | 1 | Q10 | 2 |
| Q11 | 4 | Q12 | 3 | Q13 | 4 | Q14 | 1 | Q15 | 4 |
| Q16 | 1 | Q17 | 4 | Q18 | 2 | Q19 | 3 | Q20 | 2 |
| Q21 | 2 | Q22 | 1 | Q23 | 2 | Q24 | 3 | Q25 | 3 |
| Q26 | 2 | Q27 | 4 | Q28 | 2 | | | | |

BOOKLET B

| | | | | | | | | | | | | | |
|---|---|--|---|------------|-----|---|---|--|---|---|---|---|---|
| Q29 | a) The number of hamsters increased from January to April. b) Reproduce c) Living things can grow | | | | | | | | | | | | |
| Q30 | a) A has more flowers while B does not have flowers. <table border="1" style="margin-left: auto; margin-right: auto;"><tr><td>fern</td><td>toadstool</td><td>rose plant</td><td>bat</td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td>B</td><td>D</td><td>A</td><td>C</td></tr></table> b) | fern | toadstool | rose plant | bat |  |  |  |  | B | D | A | C |
| fern | toadstool | rose plant | bat | | | | | | | | | | |
|  |  |  |  | | | | | | | | | | |
| B | D | A | C | | | | | | | | | | |
| Q31 | a) Similarity: Both the soursop and papaya have many seeds. Differences: Soursop have a rough skin while papaya has a smooth skin. bi) False bii) False biii) True biv) True | | | | | | | | | | | | |
| Q32 | a) Similarity : Both have eyes Differences: Animal B has six legs while animal a has | | | | | | | | | | | | |

| | | | | | |
|---------------------------|---|--------------|---------------|---------------------------|-----------------------------------|
| | two legs. b) Animal A outer covering's is to give the animal warmth. | | | | |
| Q33 | a) John group the animals by using characteristics. b) seal c) <table border="1"> <tr> <td>Live on land</td><td>live in water</td></tr> <tr> <td>Eagle Sparrow Cobra</td><td>Dolphin Fighting fish whale</td></tr> </table> | Live on land | live in water | Eagle Sparrow Cobra | Dolphin Fighting fish whale |
| Live on land | live in water | | | | |
| Eagle Sparrow Cobra | Dolphin Fighting fish whale | | | | |
| Q34 | a) Amount of sanitizer, Location of experiment and Amount of bacteria at the start of the experiment. b) 1, 3, 4, 2 c) Z | | | | |
| Q35 | a) mould b) There is no moisture in the container helping the mould to grow. c) He must take away substance X and place one of the set-up in the presence of sunlight to achieve his new aim. | | | | |
| Q36 | a) It is waterproof. b) Plastic c) B. As the table above shows that before placing in the container and after placing I the container has changed a lot, therefore material B can absorb the most water. | | | | |
| Q37 | a) The properties of material U is flexible and waterproof. b) Material T c) Able to float on water. | | | | |
| Q38 | ai) A aii) B aiii) F aiv) C b) Start: A End: F | | | | |
| Q39 | ai) Flexibility aii) X, Z, W, Y bi) Material Z allow most light to pass through. bii) X. As material X did not allow any light to pass through. | | | | |
| Q40 | a) Plant B grow in water while Plant E grow on land. b) Both of them grow on land. c) A | | | | |

| Q41 | <table><tr><th data-bbox="502 262 678 304">Organ System</th><th data-bbox="997 262 1093 304">Function</th></tr><tr><td data-bbox="502 315 678 357">Muscular system</td><td data-bbox="885 315 1109 357">Gives the body shape</td></tr><tr><td data-bbox="502 399 678 441">Respiratory system</td><td data-bbox="885 399 1204 462">Helps different parts of the body to move</td></tr><tr><td data-bbox="502 493 678 535">Skeletal system</td><td data-bbox="885 493 1173 556">Takes air into the body, and removes air from the body</td></tr></table> <p data-bbox="406 556 454 598">a)</p> <p data-bbox="406 598 1204 640">b) Digest break down food into simpler substances.</p> <p data-bbox="406 640 1268 714">c) Digested food will pass through the walls of the small intestine and into the bloodstream.</p> | Organ System | Function | Muscular system | Gives the body shape | Respiratory system | Helps different parts of the body to move | Skeletal system | Takes air into the body, and removes air from the body |
|--------------------|---|--------------|----------|-----------------|----------------------|--------------------|---|-----------------|--|
| Organ System | Function | | | | | | | | |
| Muscular system | Gives the body shape | | | | | | | | |
| Respiratory system | Helps different parts of the body to move | | | | | | | | |
| Skeletal system | Takes air into the body, and removes air from the body | | | | | | | | |

