

DIVERSITY TOPICAL TEST 1

50

Classifying Things

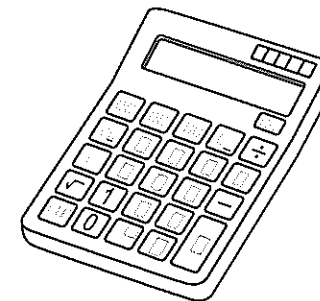
Section A: Multiple Choice Questions (15 x 2 marks)

Choose the correct answer and write its number in the brackets provided.

1. Study the things below.

JULY 2011						
SUN	MON	TUES	WED	THURS	FRI	SAT
31					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

Calendar



Calculator



Telephone

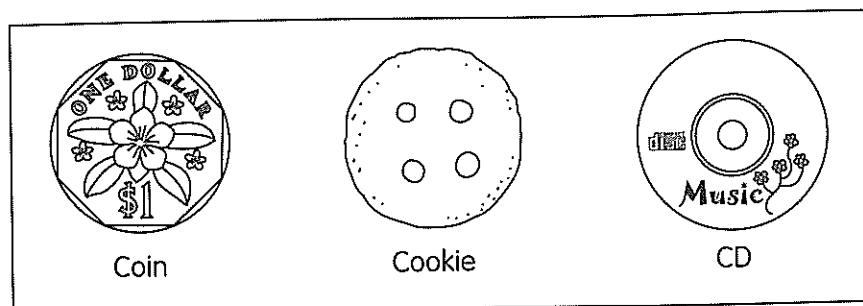
How are they similar?

- (1) They need batteries to work.
- (2) They produce sound.
- (3) They have numbers on them.
- (4) They have buttons that can be pressed.

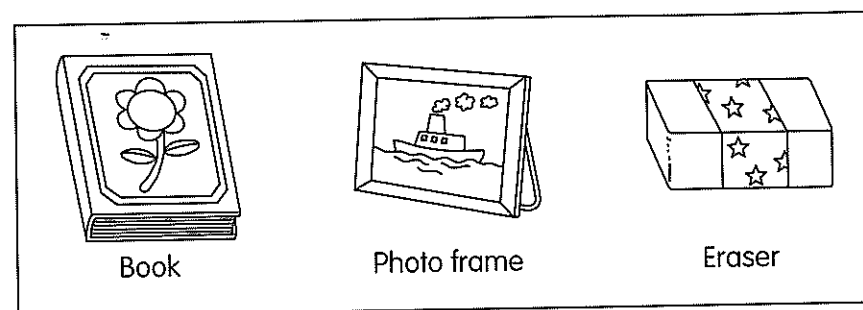
()

2. Study the two groups of things below.

Group 1



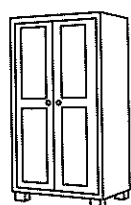
Group 2



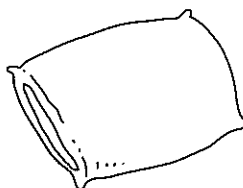
The things shown above are grouped according to their _____.

- | | | |
|-----------|--------------|-----|
| (1) size | (2) colour | () |
| (3) shape | (4) function | |

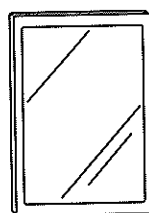
3. Study the things below.



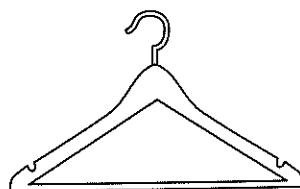
Wardrobe



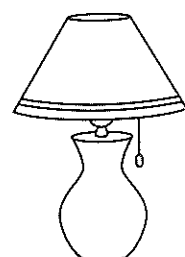
Pillow



Mirror



Clothes hanger



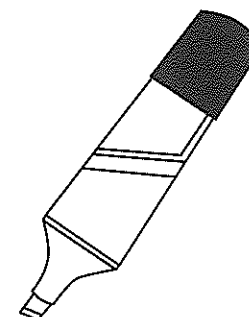
Lamp

These things are classified into the same group because _____.

- | | |
|--|-----|
| (1) they are rectangular in shape | () |
| (2) they are found in the bedroom | |
| (3) they do not need electricity to work | |
| (4) they are pieces of furniture | |

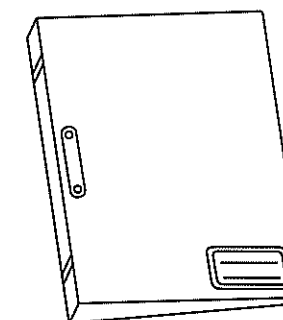
4. Which one of the following cannot be classified into the same group as the rest?

(1)



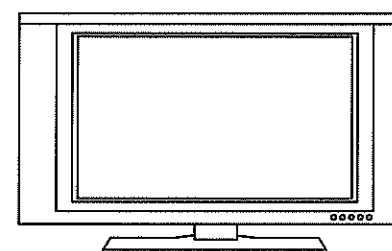
Highlighter

(2)



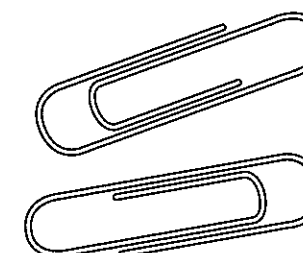
File

(3)



Television

(4)



Paper clips

()

Exam tip: When classifying things, identify similarities in characteristics (appearance, function, etc.).

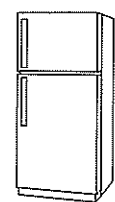
5. Which one of the following cannot be classified with the rest?

- | | | |
|---------|-----------|-----|
| (1) Cat | (2) Fish | () |
| (3) Cow | (4) Horse | |

6. Kim is in the Dairy section of the supermarket. Which of the following will she not find in this section?

- | | | |
|------------|-----------------|-----|
| (1) Butter | (2) Milk | () |
| (3) Cheese | (4) Canned soup | |

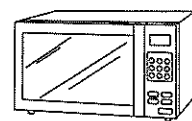
7. Study the things below.



Refrigerator



Washing machine



Microwave oven

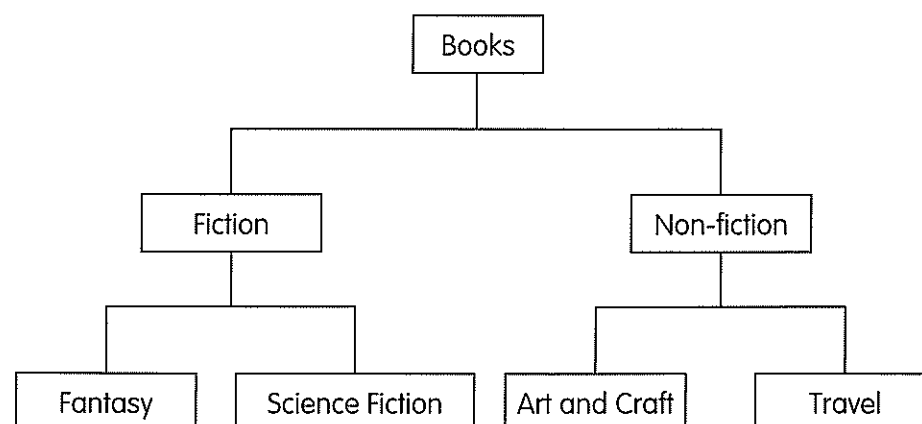
Which of the following characteristics cannot be used to group the things together?

- (1) They are rectangular in shape.
- (2) They work with the help of electricity.
- (3) They can be found in a house.
- (4) They are used to store food. ()

8. Items in a supermarket are organised into different sections. Which one of the following best explains the reason why?

- (1) To ensure customers' safety
- (2) To make the supermarket look more attractive
- (3) To save space
- (4) To help customers find items quickly ()

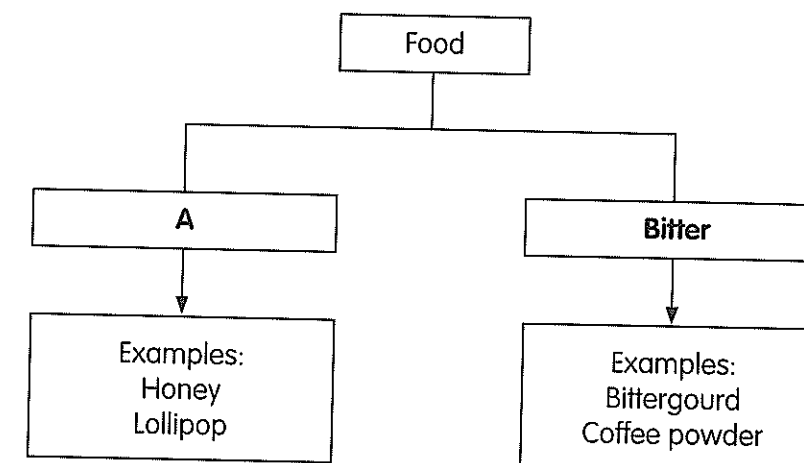
9. Look at the classification diagram below.



Which of the following can be classified as 'Fiction'?

- (1) Cookery
- (2) Computers
- (3) Mystery
- (4) Sports ()

10. The diagram below shows the classification of food into two groups.



What is a suitable name for the group, A?

- (1) Sweet
- (2) Sour
- (3) Spicy
- (4) Salty ()

11. In the table below, some animals are classified based on how they move.

Crawl	Swim	Fly	Hop
Lizard	Dolphin	Bee	Kangaroo
Ant	Whale	Owl	Rabbit

Which of the classification(s) does a cockroach belong to?

- (1) Crawl only
- (2) Crawl and fly
- (3) Hop only
- (4) Hop and fly ()

12. Some animals are classified into two groups in the table below.

Group A	Group B
Sparrow	Fish
Crow	Dolphin
Eagle	Turtle

Which of the following pairs of headings can be used to correctly classify the animals?

	Group A	Group B
(1)	Have feathers	Have hair
(2)	Two-legged	Can swim
(3)	Cannot swim	Can swim
(4)	Two-legged	Four-legged

Exam tip: Classification of things into different groups is done based on the same criterion.

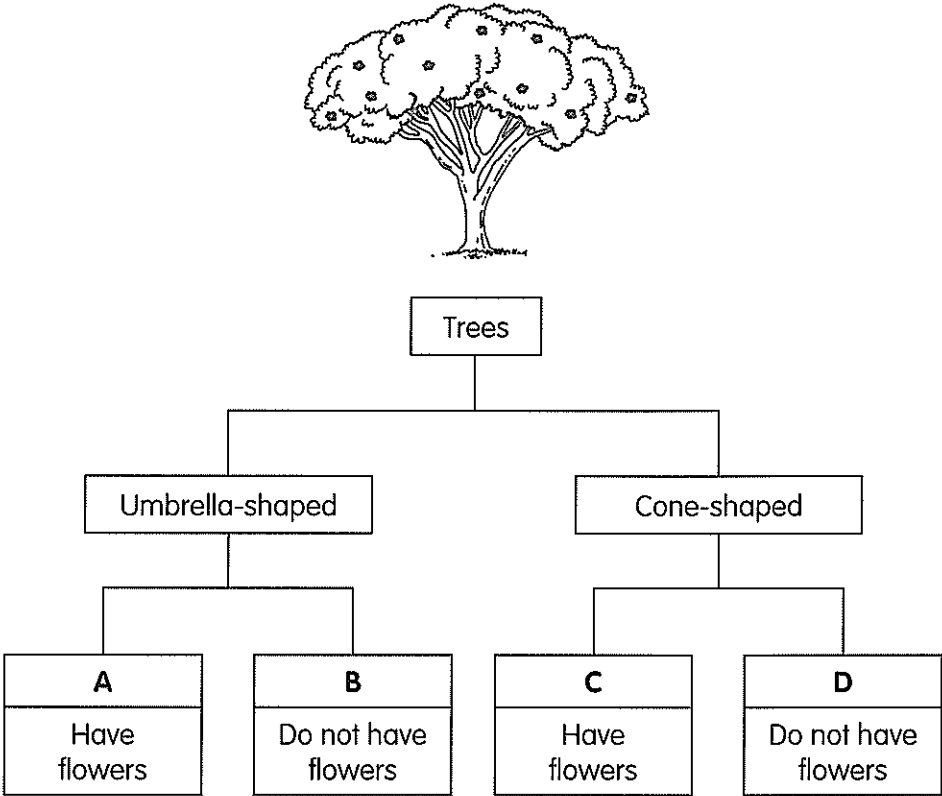
13. Some things are classified into two groups in the table below.

Group A	Group B
Balloon	Grass
Car	Tree
Sugar	Eagle

Which one of the following belongs to group A?

- (1) Ant
- (2) Goldfish
- (3) Ice
- (4) Mushroom

14. Look at the picture of the tree and the classification diagram below.



Which one of the following groups does the tree belong to?

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

15. Some animals have been classified into groups below.

Group A	Group B	Group C	Group D
Goldfish	Tortoise	Crow	Monkey
Clownfish	Snail	Duck	Squirrel

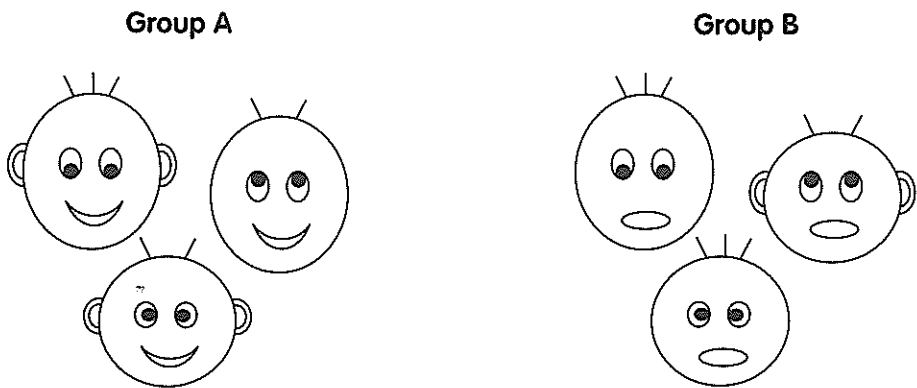
Which animals can you classify into groups A and C?

	Group A	Group C
(1)	Prawn	Snake
(2)	Starfish	Mouse
(3)	Shark	Eagle
(4)	Frog	Crab

Section B: Open-ended Questions (20 marks)

Write your answer in the space provided.

16. Study the faces below.

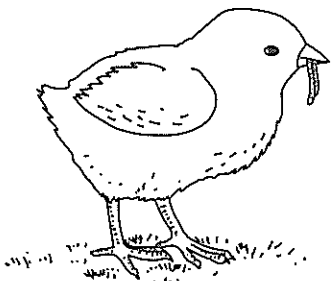


(a) What is the common characteristic of the faces in group A? [1]

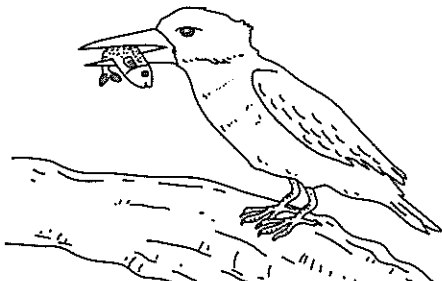
Exam tip: Compare the two groups. What is the criterion used for classification? Find the common feature in Group A that is different from Group B.

(b) In the box below, draw a face that belongs to group A. [1]

17. Study the two birds below.



Chick



Kingfisher

(a) State two ways in which the chick is similar to the kingfisher. [2]

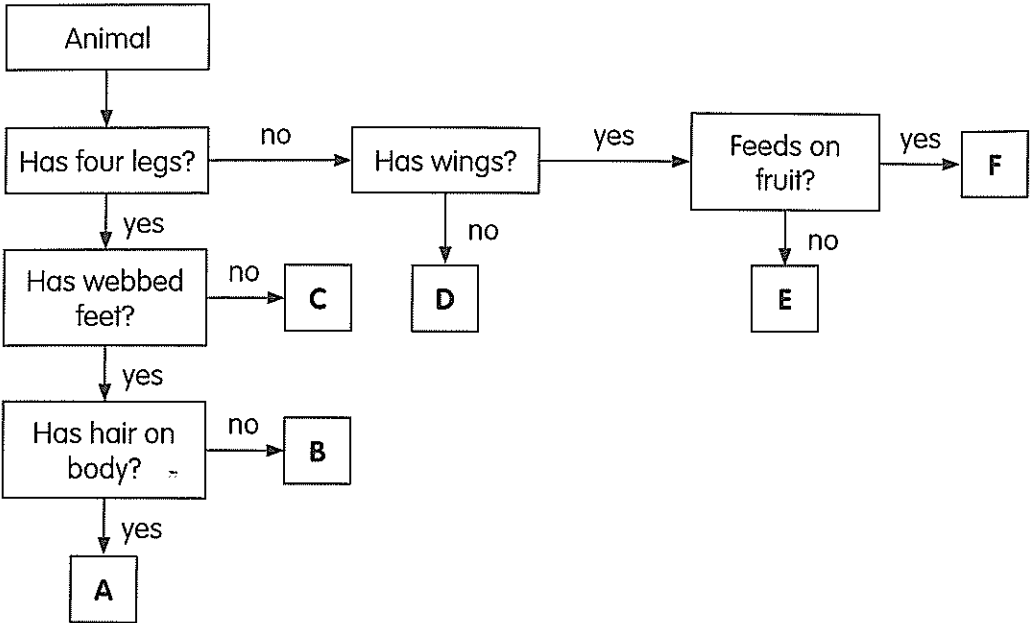
Exam tip: Study or Observe the diagram suggests that pupils are expected to give answers based on what can be observed in the diagram and not facts already known about the animals.

(b) How is the chick different from the kingfisher in its appearance and the food it eats? [2]

Appearance:

Food:

18. Study the flowchart below.



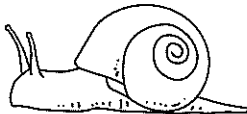
(a) Describe the characteristics of animal E. [2]

(b) State an example of animal B. [1]

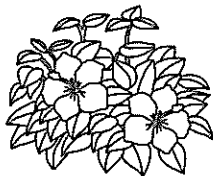
19. Study the things below.



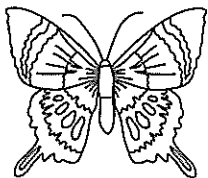
Cattail



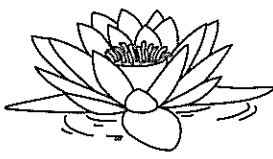
Snail



Hibiscus plant



Butterfly



Water lily



Tadpole

(a) Classify the living things into two groups in the table below. [2]

Group A	Group B

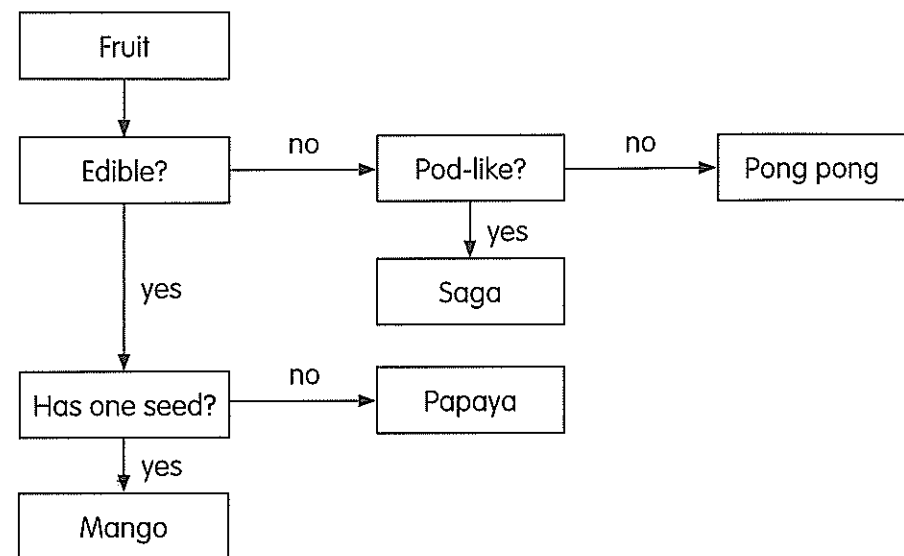
(b) Which group does a fish belong to? [1]

(c) In the table below, classify the living things into two groups using another characteristic. Write down a suitable heading for each group. [3]

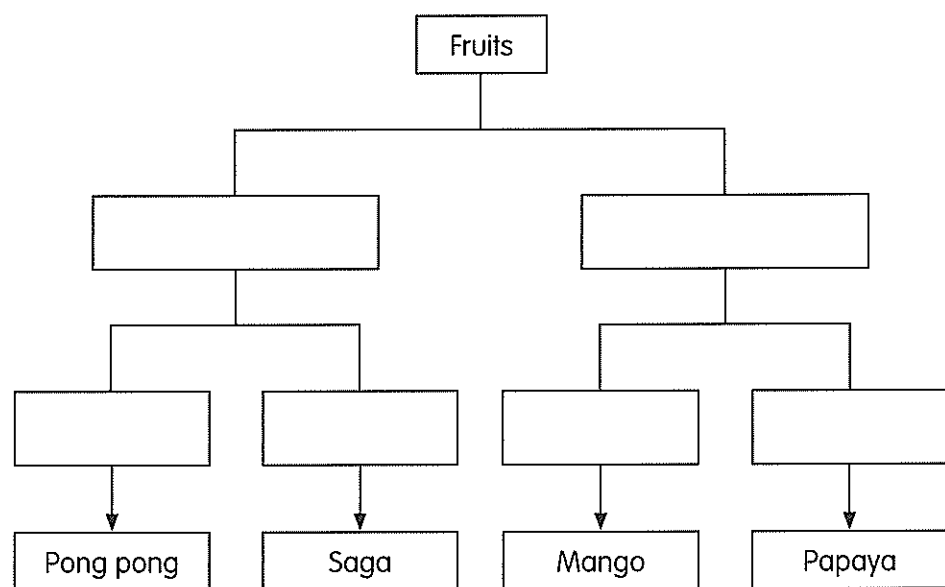
Group 1: _____	Group 2: _____

Exam tip: Things which can be classified into the same group based on a criterion can be re-classified into a different group based on another criterion.

20. Study the flowchart below.

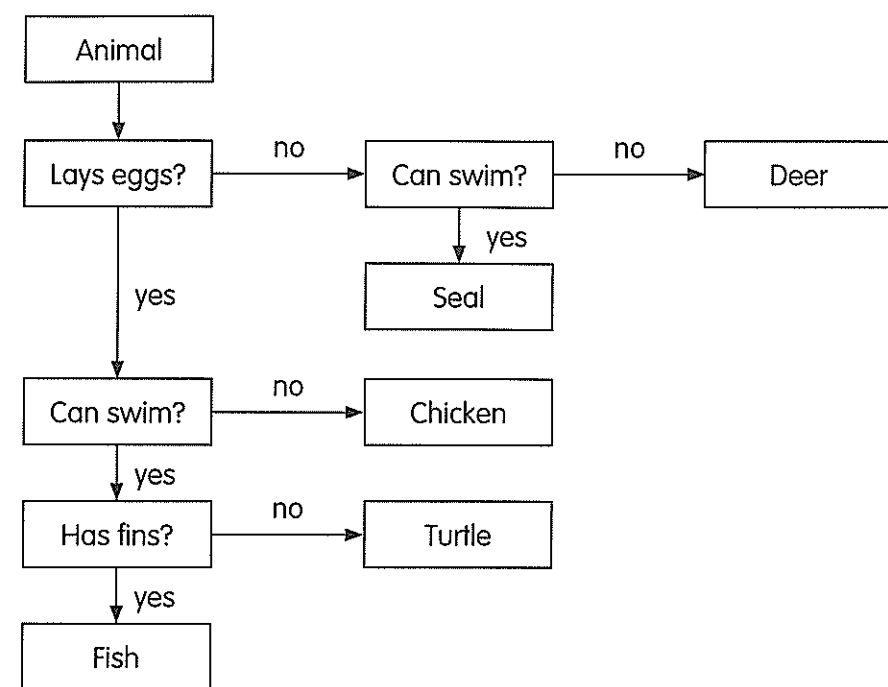


Complete the classification chart below to show how the fruits listed above can be classified according to their characteristics. [2]



Exam tip: Information can be presented in different ways. A classification chart is useful in showing a clear overview of the groups or subgroups that a thing belongs to.

21. Study the flowchart below.



Transfer the above information into a classification chart to show how animals can be classified. [3]

