



AI TONG SCHOOL

**2008 CONTINUAL ASSESSMENT (2)
PRIMARY THREE SCIENCE**

DURATION : 1hr 30 min

DATE: 27th August 2008

INSTRUCTIONS

Do not open the booklet until you are told to do so.

Follow all instructions.

Answer all questions.

Name : _____ ()

Class : Primary _____

Parent's Signature : _____

Date : _____

MARKS	100
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Section A (30 x 2 marks)

For each question from 1 to 30, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). **Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet.**

1. A puppy becomes a dog. This shows that living things can _____.

- (1) move
- (2) grow
- (3) reproduce
- (4) respond to changes

2. Fish have fins which they use for _____.

- A breathing
- B balancing
- C swimming
- D protection

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

3. The _____ does not have flowers or leaves.

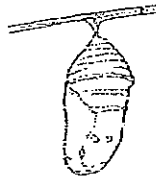
- (1) Bougainvillea
- (2) Staghorn fern
- (3) Toadstool
- (4) Coconut tree

4. In what ways are fungi useful to Man?

- A Some fungi are edible.
- B Fungi can keep bread fresh.
- C Fungi can cause diseases.
- D Fungi can be used to make medicine.

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

5. The picture below shows a stage of the life cycle of a butterfly.

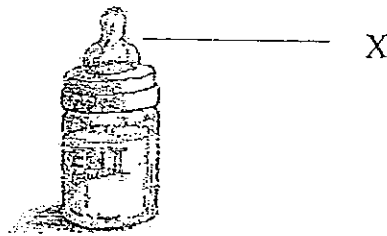


Which of the following describe the animal at this stage of the life cycle?

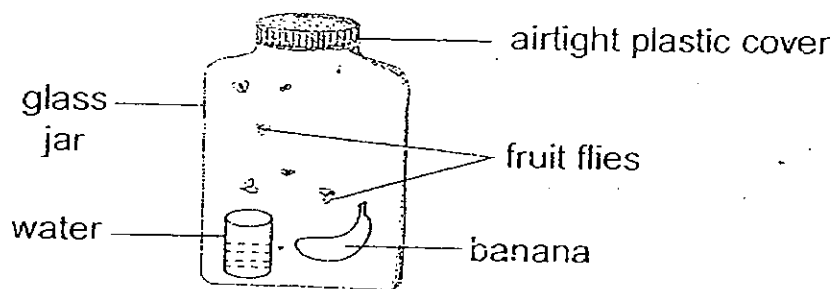
- A It moults.
- B It remains still.
- C It does not eat.

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

6. The diagram below shows a milk bottle.
What is part "X" mostly likely to be made of?



- (1) nylon
 - (2) glass
 - (3) rubber
 - (4) ceramic
7. Which of the following items is not made from a material that was once alive?
- (1) nail
 - (2) envelope
 - (3) cotton pants
 - (4) wooden stool
8. Tina set up an experiment as shown below.
After a few days, the fruit flies died.



From the experiment, she was trying to show that the fruit flies need _____.

- (1) space to fly
- (2) bananas to survive
- (3) water to survive
- (4) air to survive

9. Which one of the following statements about the similarities of a grasshopper and a mosquito is true?

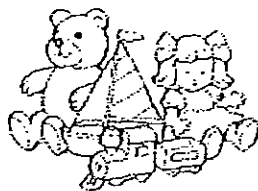
- (1) Both the adults can fly.
- (2) Both their young look like the adults.
- (3) Both animals have a 4-stage life cycle.
- (4) Both animals lay their eggs in the water.

10. Pots and pans are often made from steel. What properties of steel make it a suitable material for making pots and pans?

- A It can float.
- B It is waterproof.
- C It does not break easily.

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

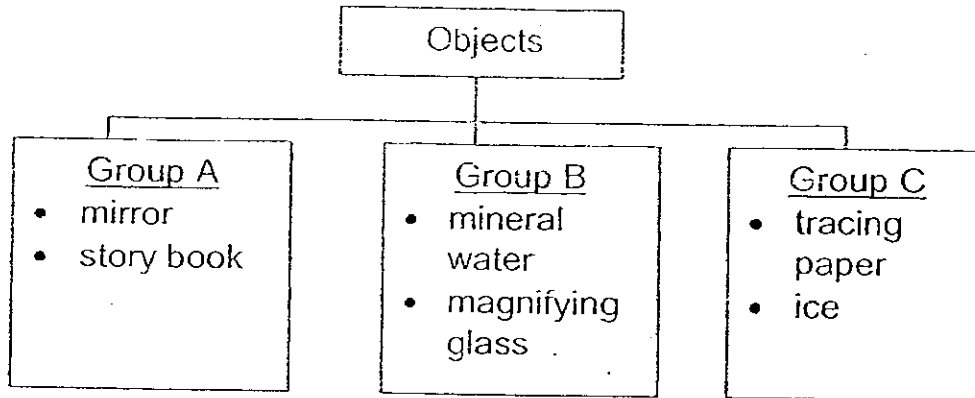
11.



The above toys are non-living things because _____.

- (1) they can reproduce
- (2) they do not need air
- (3) they can move by themselves
- (4) they can respond to changes around them.

12. Ah Seng drew the following classification chart.



Groups			
	A	B	C
(1)	Allow some light to pass through	Allow all light to pass through	Does not allow any light to pass through
(2)	Does not allow any light to pass through	Allow some light to pass through	Allow all light to pass through
(3)	Allow some light to pass through	Does not allow any light to pass through	Allow all light to pass through
(4)	Does not allow any light to pass through	Allow all light to pass through	Allow some light to pass through

13. Four children are having a barbeque party at West Coast Park.

Joan : The sausages smell delicious!

Lionel : The sea looks inviting. Let's go for a swim.

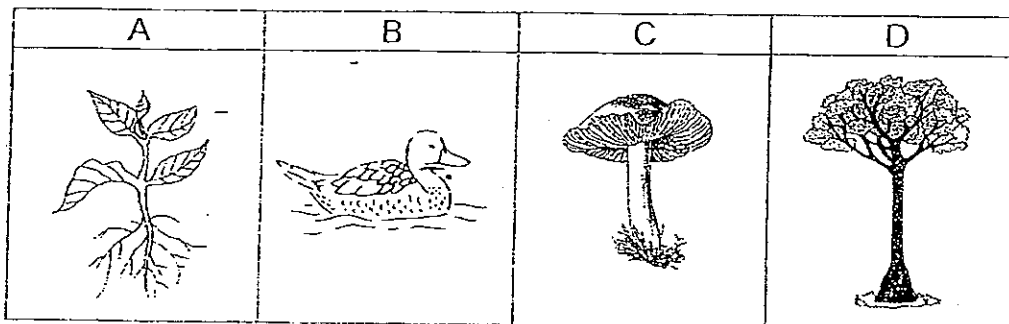
Timmy : It's too hot. I would rather sit under that shady tree.

Jolene : Hey! What's that burning smell?

Which child has made the above statement using his/her eyes?

- (1) Joan
- (2) Lionel
- (3) Timmy
- (4) Jolene

14. Which living things need light energy from the Sun to make food?

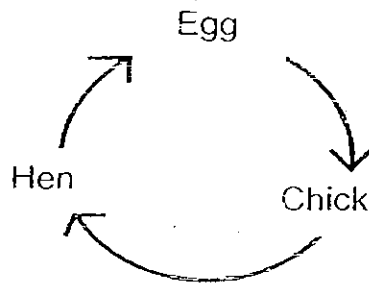


- (1) A and D only
- (2) B and C only
- (3) A, C and D only
- (4) A, B, C and D

15. Which one of the following statements is not correct about bacteria?

- (1) They are very tiny.
- (2) They are living things.
- (3) They can be found only in the ground.
- (4) They can be seen using a microscope.

16. David drew a diagram of the life cycle of a hen as shown below.



What characteristics of living things are shown in the life cycle above?

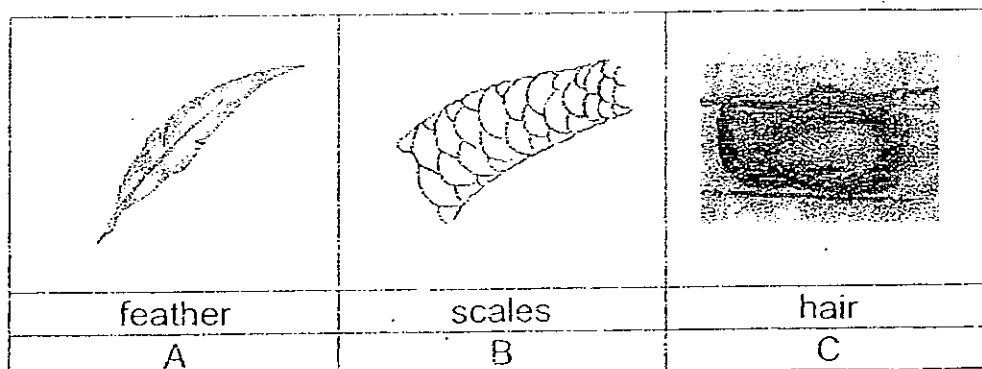
- A Living things die.
- B Living things grow.
- C Living things reproduce.
- D Living things need air, water and food.

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

17. Xiao Hua has 4 objects. She observed that one of these objects is dark green, does not allow light to pass through and is flexible. Which one of the following items matches the observation she made?

- (1) cupboard
- (2) glass bottle
- (3) garden hose
- (4) wooden chopstick

18. The pictures below show three different types of outer body coverings.



Which one of the following sets of animals is correctly matched to its outer covering?

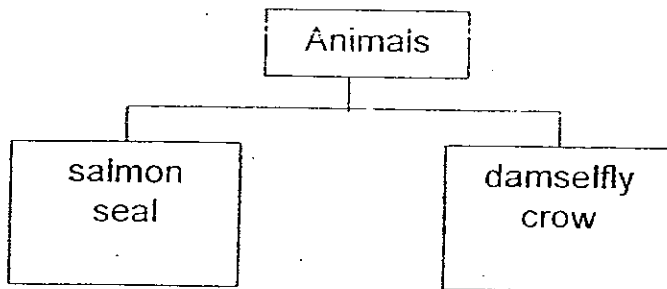
	A	B	C
(1)	bat	whale	hamster
(2)	butterfly	guppy	kangaroo
(3)	kingfisher	swordtail	lion
(4)	chicken	seal	platypus

19. The bird's nest fern, dragon's scales and moss are all plants. Which of the following statements are true about them? -

- A They bear flowers.
- B They reproduce by seeds.
- C They make their own food.
- D They reproduce by spores.

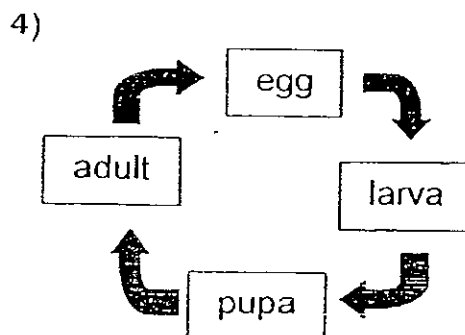
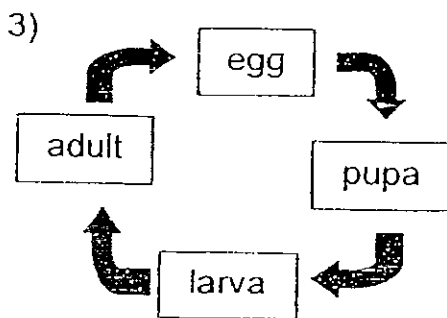
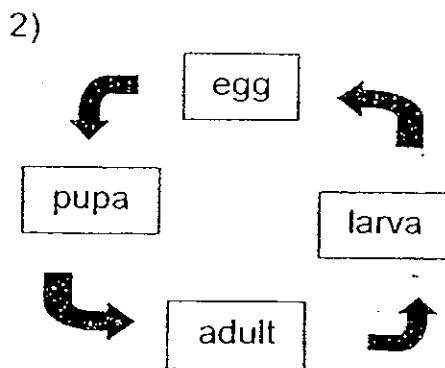
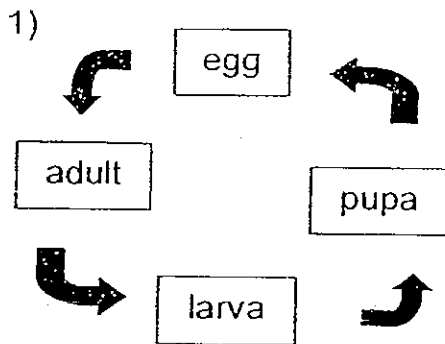
- (1) A and C only
- (2) B and C only
- (3) C and D only
- (4) A, C and D only

20. The animals are grouped according to _____



- (1) the way they reproduce
- (2) the way they breathe
- (3) the way they move
- (4) their outer coverings

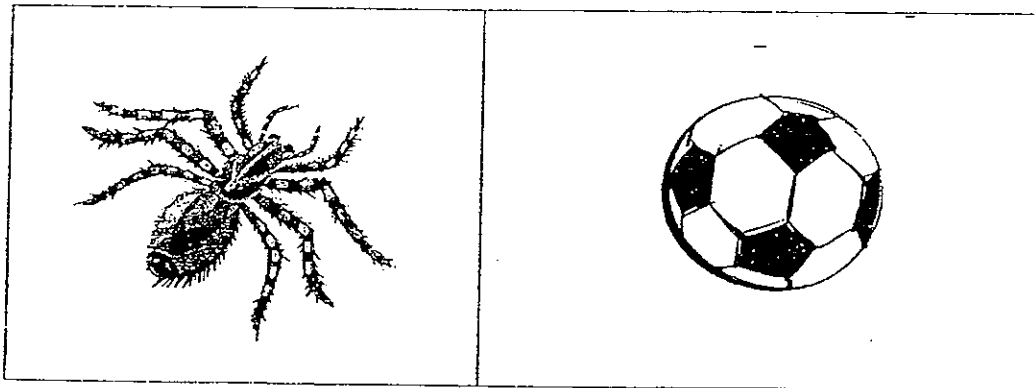
21. Which one of the following diagrams shows the correct life cycle of a butterfly?



22. The following objects can be made from two different materials. Which objects have been matched wrongly with the materials?

	Objects	Materials
(1)	ruier	wood, plastic,
(2)	plate	ceramic, metal
(3)	table	metal, glass
(4)	apron	rubber, cotton

23. How is the spider different from the ball?

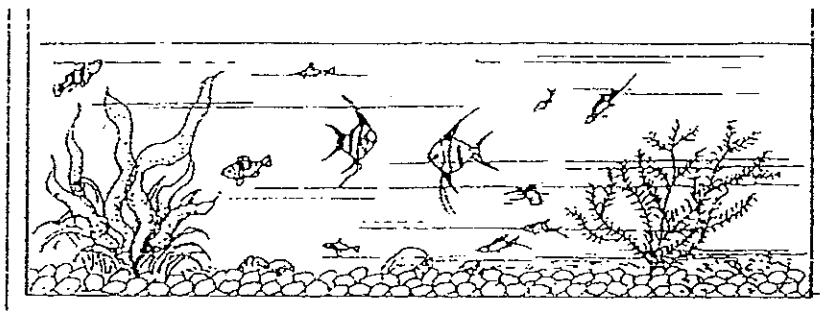


- (1) A ball can grow but a spider cannot grow.
- (2) A spider is a non-living thing but a ball is a living thing.
- (3) A spider needs air, water and food but a ball does not.
- (4) A ball can move by itself but the spider cannot move by itself.

24. Which one of the following materials is not waterproof?

- (1) wool
- (2) steel
- (3) glass
- (4) plastic

25. The picture shows a fish tank.



Which items in the fish tank are classified correctly?

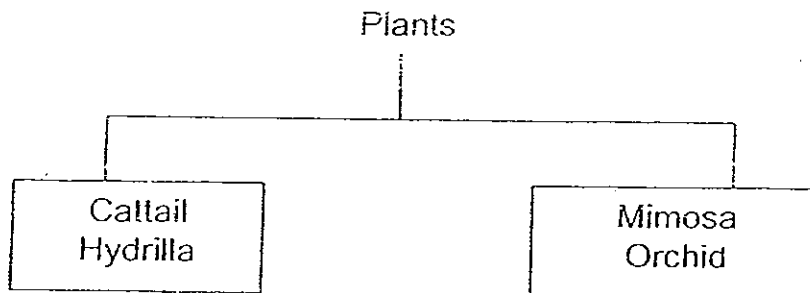
	Living things	Non-living things
(1)	fish, water	water plants, pebbles
(2)	water plants, fish	pebbles, water
(3)	pebbles, water	fish, water plants
(4)	fish, pebbles	water, water plants

26. The penguin is a bird because it _____.

- A can fly
- B has a hard beak
- C has a pair of webbed feet
- D has an outer covering of feathers

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

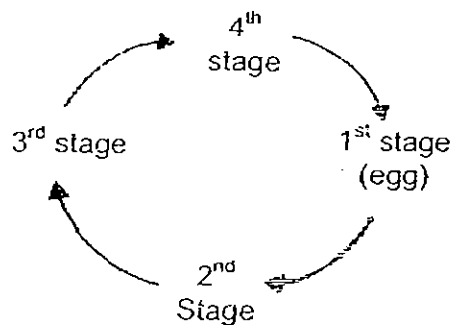
27.



The above plants are classified into _____

- (1) water plants and land plants
- (2) useful plants and harmful plants
- (3) flowering plants and non-flowering plants
- (4) poisonous and non-poisonous plants

28. The diagram below shows the life cycle of an Aedes mosquito.



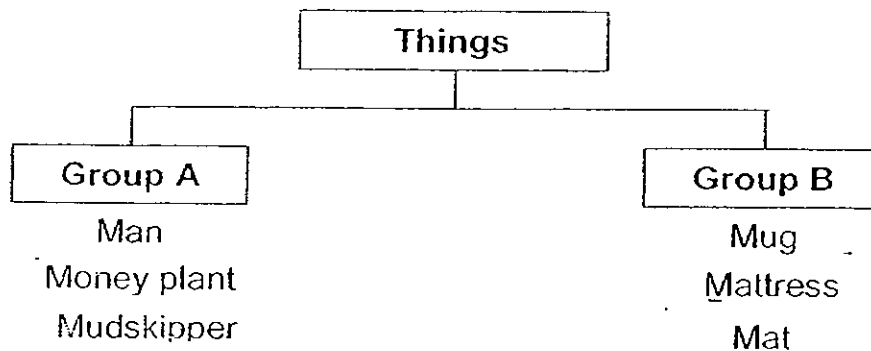
The Aedes mosquito is found on land at the _____

- (1) 1st stage
- (2) 2nd stage
- (3) 3rd stage
- (4) 4th stage

29. Which property is the least important when choosing a material to make a kettle?

- (1) It is shiny.
- (2) It is durable.
- (3) It is waterproof.
- (4) It does not break easily.

30.



Which one of the following can be placed in Group B?

- (1) Mouse
- (2) Rag Doll
- (3) Rose plant
- (4) Millipede

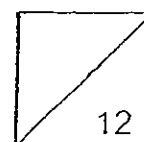
Name : _____ () Class : Pr 3 _____

Section B (20 marks)

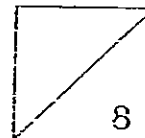
Fill in the blanks with the correct answers. Use each word ONCE only.

hard	latex	fins	classification
similar	flowering	light	cycle
hatch	spores	size	diversity
nylon	reproduce	seeds	flippers

31. The world is made up of many things. The great variety of things is known as _____.
32. When living things grow, their appearance and _____ change over time.
33. The turtle can move on land and in water with its _____.
34. Fungi reproduce by _____.
35. The hibiscus and water lily are _____ plants which can be found on land.
36. T-shirts are usually made of cotton. Cotton is _____ and soft.



37. We put things around us into groups. Things in the same group would share _____ characteristics.
38. A _____ is a pattern that repeats itself over and over again.
39. Rubber is made from _____ which is the sap of the rubber tree.
40. A chick takes 21 days to _____ from an egg.



Section C (20 marks)

Answer all the questions in the spaces provided.

41. The pupils of Pr 3K collected some information on the different kinds of footwear worn by their teachers. They recorded their information in the table below.

Material of footwear	Number of teachers
Leather	35
Wood	2
Fabric	27
Plastic	43

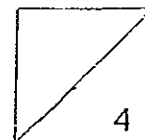
- (a) Which is the least popular material used? [1]

- (b) Give one reason why glass is not one of the materials used to make footwear. [1]

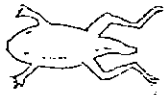
- (c) The fishmonger in the market wears a pair of boots.

- (i) From the list of materials in the table shown above, select a material suitable for making the pair of boots. [1]

- (ii) Explain your answer in (i). [1]



42. The pictures below show the different stages in the life cycle of a frog. They are not arranged in the correct order.



A



B



C

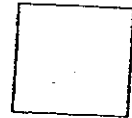
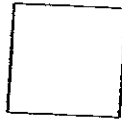
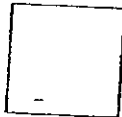
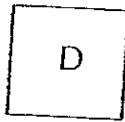


D



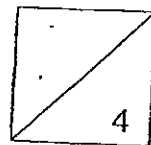
E

(a) Arrange the above pictures in the correct order of growth from egg to an adult frog. Write the letters in the boxes below. The first one has been done for you. [2]

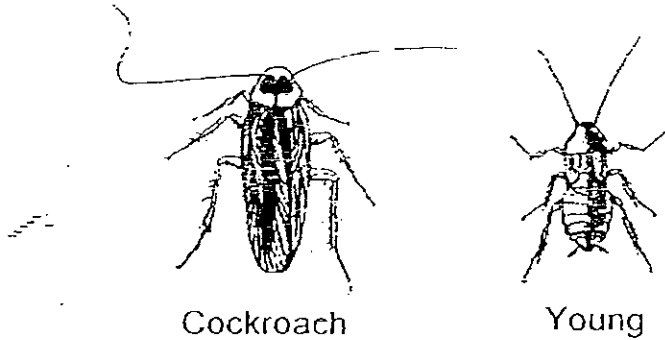


(b) Where does the frog lay its eggs? [1]

(c) Name another animal that has the same number of stages in its life cycle as the frog. [1]



43. The pictures below show a cockroach and its young.



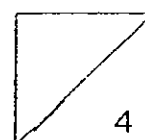
(a) By looking at the pictures only, name

(i) one way they are different [1]

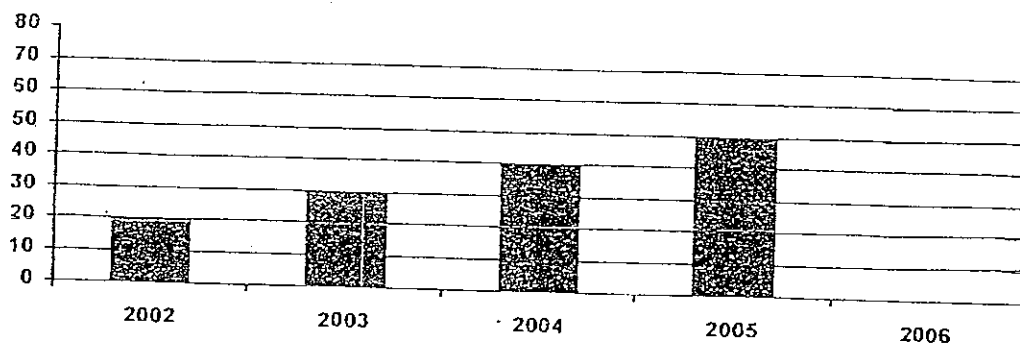
(ii) one way they are similar [1]

(b) What is the young of a cockroach called? [1]

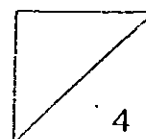
(c) How many stages are there in the life cycle of a cockroach? [1]



44. The bar graph below shows the number of water spiders in a pond from 2002 to 2006.



- (a) The number of water spiders in 2003 was half the number of water spiders in 2006. Complete the graph above by drawing a bar to represent the number of water spiders in 2006. [1]
- (b) How many more water spiders were there in 2005 than 2003? [1]
- _____
- (c) How has the number of water spiders changed over the years? [1]
- _____
- _____
- (d) Which characteristic of living things causes the change in the number water spiders in the pond from 2002 to 2006? [1]
- _____
- _____



45. (a) Match these animals to their young.

[2]

Adult

Young

(i)

Cow

Nymph

(ii)

Moth

Larva

(iii)

Mosquito

Calf

(iv)

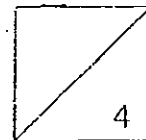
Grasshopper

Caterpillar

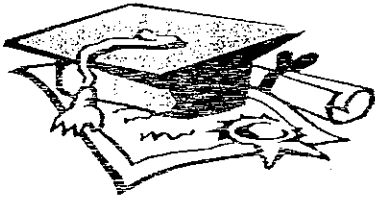
(b) Name two of the above young which look like the adult? [2]

(i) _____

(ii) _____



Have you checked your work? .



ANSWER SHEET

EXAM PAPER 2008

SCHOOL : AITONG PRIMARY SCHOOL
SUBJECT : PRIMARY 3 SCIENCE

TERM : CA 2

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	Q17
2	2	3	2	3	3	1	4	1	3	2	4	2	1	3	2	3

Q18	Q19	Q20	Q21	Q22	Q23	Q24	Q25	Q26	Q27	Q28	Q29	Q30
3	3	3	4	4	3	1	2	2	1	4	1	2

- 31)diversity 32)size 33)flippers 34)spores
35)flowering 36)light 37)similar 38)cycle
39)latex 40)hatch

- 41)a)The least popular material is wood.
b)It will break easily.
c)i)It is plastic. ii)Plastic is waterproof.

- 42)a)D,C,E,A,B
b)Frogs lay its eggs in the water.
c)It is toad.

- 43)a)i)The adult cockroach has wings but its young does not.
ii)They both have feelers.
b)The young of a cockroach called nymph.
c)The cockroach has 3 stages in their life cycles.

44)a)2006-----60

b)There were 20 more water spiders in 2005 than 2003.

c)It increased.

d)Living thing can reproduce.

45)a)i)Cow→Calf

ii)Moth→Caterpillar

iii)Mosquito→Larva

iv)Grasshopper→Nymph

b)i)nymph.

ii)calf.