NANYANG PRIMARY SCHOOL

PRIMARY 3 SCIENCE

SEMESTRAL ASSESSMENT 1

2017

BOOKLET A

Date: 8th May 2017
Duration: 1 h 20 min

Name: ________________________________ ( )

Class: Primary 3 ( )

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.
FOLLOW ALL INSTRUCTIONS CAREFULLY.

Booklet A consists of 15 printed pages including this cover page.
Section A (24 x 2 marks = 48 marks)
For each question from 1 to 24, 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 provided.

1. Amy, Ben, Clara and Daryl made the following statements about living things.

Amy       All living things can reproduce.
Ben       All living things need food to survive.
Clara    All living things can make their own food.
Daryl    All living things can move freely from one place to another.

Who made the correct statement?

(1) Amy and Ben only   (2) Amy, Ben and Daryl only
(3) Clara and Daryl only (4) Amy, Ben, Clara and Daryl

2. Which one of the following things in the table below was wrongly classified?

<table>
<thead>
<tr>
<th>Things</th>
<th>Living</th>
<th>Non-living</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fern</td>
<td></td>
<td>Pencil</td>
</tr>
<tr>
<td>Monkey</td>
<td></td>
<td>Bacteria</td>
</tr>
<tr>
<td>Mushroom</td>
<td></td>
<td>Computer</td>
</tr>
</tbody>
</table>

(1) Fern
(2) Pencil
(3) Bacteria
(4) Mushroom
3. Nicole put a hamster in a covered box.

Which of the following must she do to make sure that the hamster stays alive for the longest period of time?

A  Put a lamp in the box.
B  Poke holes in the cover.
C  Put a dish of food in the box.
D  Put a dish of water in the box.

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

4. Study the classification chart below.

Which of the following are the correct headings to represent A and B?

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1)</td>
<td>Flowering</td>
<td>Non-flowering</td>
</tr>
<tr>
<td>(2)</td>
<td>Have spores</td>
<td>Have no spores</td>
</tr>
<tr>
<td>(3)</td>
<td>Do not bear fruits</td>
<td>Bear fruits</td>
</tr>
<tr>
<td>(4)</td>
<td>Do not reproduce by seeds</td>
<td>Reproduce by seeds</td>
</tr>
</tbody>
</table>
5. Study the flowchart below.

Based on the flowchart above, which one of the following best represents dragon scales fern?

(1) A
(2) B
(3) C
(4) D
6. Which one of the following statements about all flowering plants is true?

(1) It produces fruits.
(2) It reproduces by spores.
(3) It cannot make its own food.
(4) It produces flowers throughout the year.

7. The diagrams below show Plant X and Plant Y.

![Plant X](image1)

![Plant Y](image2)

Based only on the diagrams above, which of the following statements correctly state the similarities between Plant X and Plant Y?

A Both plants have roots.
B Both plants have stems.
C Both plants have leaves.
D Both plants produce flowers.

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

8. Which of the following statements is true about all plants?

(1) All plants can grow on land.
(2) All plants cannot make their own food.
(3) All plants can produce flowers and fruits.
(4) All plants cannot move from place to place on their own.
9. Study the chart below.

Animals → Does it reproduce by laying eggs? → No → A

Yes → Can it fly? → No → B

Yes → C

Which of the following correctly represents Animals A, B and C?

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1)</td>
<td>cat</td>
<td>goldfish</td>
<td>eagle</td>
</tr>
<tr>
<td>(2)</td>
<td>cat</td>
<td>eagle</td>
<td>frog</td>
</tr>
<tr>
<td>(3)</td>
<td>eagle</td>
<td>frog</td>
<td>lizard</td>
</tr>
<tr>
<td>(4)</td>
<td>goldfish</td>
<td>lizard</td>
<td>frog</td>
</tr>
</tbody>
</table>
10. Study the chart below.

```
Animals

Have wings
  - 2 legs
    - W
  - 6 legs
    - X

Have no wings
  - 2 legs
    - Y
  - 6 legs
    - Z
```

Which letter correctly represents this animal in the chart above?

(1) W
(2) X
(3) Y
(4) Z
11. The table below shows the characteristics of four animals, E, F, G and H. A tick (√) shows a particular characteristic of the animals.

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
</tr>
</thead>
<tbody>
<tr>
<td>It lays eggs.</td>
<td>√</td>
<td>√</td>
<td>√</td>
<td>√</td>
</tr>
<tr>
<td>It has scales on its body.</td>
<td></td>
<td></td>
<td></td>
<td>√</td>
</tr>
<tr>
<td>It lives both on land and in water.</td>
<td></td>
<td></td>
<td>√</td>
<td></td>
</tr>
</tbody>
</table>

Based on the characteristics above, Susan made the following statements.

A Animal G is an amphibian
B Animals F and H lay eggs.
C Animal E is an insect that can fly.
D Animal F is a reptile that lives on both land and in water.

Which of the following statements is/are definitely correct?

1. A and B
2. A and D
3. B and C
4. C and D

12. Study the diagram below.

Which one of the following is most helpful in helping to classify the animal as a bird?

1. It has a tail.
2. It has two legs.
3. It reproduces by laying eggs.
4. It has feathers as outer body covering.
13. Based only on the diagrams below, which comparison between Animal S and Animal T is correct?

S

T

(1) They have moist skin.
(2) They do not have a tail.
(3) They breathe through lungs.
(4) S lays eggs but T gives birth to young alive.

14. Study the diagrams below.

Animal X  Animal Y

Based only on the diagrams, which one of the following statements is true for both Animals X and Y?

(1) They have wings.
(2) They have three pairs of legs.
(3) They reproduce by laying eggs.
(4) They have a body covering of feathers.
15. Study the classification table below.

![Classification Table]

Which of the following animals are grouped wrongly?

1. frog and lizard  
2. lizard and cockroach  
3. cockroach and tiger  
4. mosquito and monkey

16. The table below shows some of the characteristics in which animals E and F have. A tick (✓) shows that the animal has the characteristics.

<table>
<thead>
<tr>
<th>Animal</th>
<th>Lays eggs</th>
<th>Has scales</th>
<th>Has gills</th>
</tr>
</thead>
<tbody>
<tr>
<td>E</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>F</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>

Which of the following animals correctly represents E and F?

1. toad  
2. cat  
3. snake  
4. ant  
5. lion  
6. mosquito  
7. crocodile  
8. goldfish
17. Which of the following statements about bacteria are false?

A All bacteria are harmful.
B All bacteria are of the same shape.
C All bacteria can be seen with the naked eye.
D All bacteria needs air, food and water to survive.

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

18. Olivier set up 2 different set-ups in a warm place. One week later, he recorded his results in the table below.

<table>
<thead>
<tr>
<th></th>
<th>Set-up A (Dry Bread)</th>
<th>Set-up B (Moist Bread)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dark Place</td>
<td>No mould</td>
<td>Has mould</td>
</tr>
<tr>
<td>Bright Place</td>
<td>No mould</td>
<td>Has mould</td>
</tr>
</tbody>
</table>

What conclusion can he make based on the experiment?

(1) Mould needs moisture to grow.
(2) Mould needs light to grow but not moisture.
(3) Mould needs moisture and darkness to grow.
(4) Mould needs darkness to grow but not moisture.

19. Lucas carried out an experiment with four identical pieces of cloth made of materials, W, X, Y and Z.

Lucas placed the first piece of cloth into a pail containing 800ml of water. After 10 minutes, he removed the piece of cloth from the pail and measured the amount of water left in the pail.

He repeated the experiment with the other 3 pieces of cloth. His results are shown in the table below.

<table>
<thead>
<tr>
<th>Materials</th>
<th>Amount of water in the pail at the beginning</th>
<th>Amount of water left in the pail at the end</th>
</tr>
</thead>
<tbody>
<tr>
<td>W</td>
<td>800ml</td>
<td>250ml</td>
</tr>
<tr>
<td>X</td>
<td>800ml</td>
<td>800ml</td>
</tr>
<tr>
<td>Y</td>
<td>800ml</td>
<td>350ml</td>
</tr>
<tr>
<td>Z</td>
<td>800ml</td>
<td>150ml</td>
</tr>
</tbody>
</table>

Which one of the materials, W, X, Y or Z absorbs the most amount of water?

(1) W (2) X
(3) Y (4) Z
20. Shu Wen put 3 solid balls, A, B and C, into the water tank as shown in the diagram below. The 3 balls are of the same size but are made of different materials.

She then classified the 3 balls into the classification table below.

<table>
<thead>
<tr>
<th>X</th>
<th>Y</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>B</td>
</tr>
<tr>
<td>C</td>
<td></td>
</tr>
</tbody>
</table>

Which one of the following are the most suitable headings to represent X and Y?

<table>
<thead>
<tr>
<th></th>
<th>X</th>
<th>Y</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1)</td>
<td>Flexible</td>
<td>Not flexible</td>
</tr>
<tr>
<td>(2)</td>
<td>Not strong</td>
<td>Strong</td>
</tr>
<tr>
<td>(3)</td>
<td>Floats on water</td>
<td>Sinks in water</td>
</tr>
<tr>
<td>(4)</td>
<td>Allows some light to pass through</td>
<td>Allows most light to pass through</td>
</tr>
</tbody>
</table>
21. Study the flowchart below carefully.

Objects

Is it strong? Yes → A
No →

Is it flexible? Yes →
No → B

Is it waterproof? Yes → D
No → C

Which one of the objects could represent a paper bag?

(1) A
(2) B
(3) C
(4) D
Miss Tan wanted to test the strength of four identical test boards, S, T, U and V, made of different materials. She dropped a 1kg weight from a height of 1 meter onto each test board, as shown in the diagram below.

She recorded the number of times the 1 kg weight was dropped before the test boards broke. She recorded her results in the table below.

<table>
<thead>
<tr>
<th>Material</th>
<th>S</th>
<th>T</th>
<th>U</th>
<th>V</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of times the 1 kg weight was dropped before the test board broke</td>
<td>34</td>
<td>15</td>
<td>8</td>
<td>59</td>
</tr>
</tbody>
</table>

Based on the results above, Miss Tan arranged the materials from the strongest to the weakest. Which one of the following has been arranged correctly?

- strongest → weakest

| (1) | U, T, S, V |
| (2) | V, S, T, U |
| (3) | S, T, U, V |
| (4) | T, U, V, S |
23. The table below shows the properties of materials K, L, M and N. A tick (\(\checkmark\)) indicates that the material has that property.

<table>
<thead>
<tr>
<th>Materials</th>
<th>Waterproof</th>
<th>Flexible</th>
<th>Strong</th>
</tr>
</thead>
<tbody>
<tr>
<td>K</td>
<td>(\checkmark)</td>
<td>(\checkmark)</td>
<td></td>
</tr>
<tr>
<td>L</td>
<td></td>
<td>(\checkmark)</td>
<td>(\checkmark)</td>
</tr>
<tr>
<td>M</td>
<td>(\checkmark)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>N</td>
<td></td>
<td></td>
<td>(\checkmark)</td>
</tr>
</tbody>
</table>

Which material is the most suitable for making a school shirt?

(1) Material K  
(2) Material L  
(3) Material M  
(4) Material N

24. Study the diagrams below carefully. Parts X and Y are made of the same material.

Which of the following are properties of the material that made it suitable to be used to make parts X and Y?

A  Waterproof  
B  Ability to sink  
C  Allows most light to pass through

(1) A and B only  
(2) A and C only  
(3) B and C only  
(4) A, B and C
NANYANG PRIMARY SCHOOL

PRIMARY 3 SCIENCE

SEMESTRAL ASSESSMENT 1

2017

BOOKLET B

Date: 8th May 2017

Duration: 1 h 20 min

Name:

Class: 1

Marks Scored:

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Booklet A:</td>
<td>48</td>
</tr>
<tr>
<td>Booklet B :</td>
<td>32</td>
</tr>
<tr>
<td>Total:</td>
<td>80</td>
</tr>
</tbody>
</table>

Any query on marks awarded should be raised by 18th May 2017. We seek your understanding in this matter as any delay in the confirmation of marks will lead to delays in the generation of results.

Parent's signature: ....

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.
FOLLOW ALL INSTRUCTIONS CAREFULLY.

Booklet B consists of 12 printed pages including this cover page.
Section B (32 marks)
Write your answers to questions 25 to 34 in the spaces provided.

25. (a) Classify the following things under the correct headings in the diagram below. [1]

- Car
- Crocodile
- Rose Plant
- Table

(b) Living things need air, food and water to survive. Based only on the characteristics, state two other differences between living and non-living things. [2]

(i)  

(ii)  

26. Study the flowchart below carefully.

Living thing

Does it make its own food? No \(\rightarrow\) A

Yes

Does it reproduce by seeds? No \(\rightarrow\) B

Yes \(\rightarrow\) C

(a) Based on the flowchart above, write down all the characteristics of living thing B. [1]

(b) State one difference between living thing B and living thing C. [1]

(c) Which living thing, A, B or C, best represents a rabbit? [1]
27. Study the diagram below.

(a) Based on the diagrams above, Plants A, B, C and D are classified according to their characteristics.

(i) Give suitable headings to the classification chart below. [1]
(ii) Classify the plants. [2]

```
   Plants

   X:

   Y:
```

(b) Matthias saw a plant with no flowers and concluded it to be a fern. His teacher said he was wrong. Suggest why. [1]

28. The chart below is used to classify three animals, L, M and N.

```
                Animals
                   /------------------
                  /                /
     Give birth to young alive       Lay eggs
                    
                   /-----------/-----------
                  /             /             /
      Has hair    Has scales      Has moist skin
                   
                    /           /           /
                  /         /         /
             L     M           N
```

(a) State all the characteristics of Animal L. [1]

(b) State one difference between Animal M and Animal N. [1]

(c) Anisah said that Animal M was a frog. Explain why she was wrong. [1]
29. The table below shows five types of animals and their characteristics.

<table>
<thead>
<tr>
<th>Animal</th>
<th>Outer Covering</th>
<th>Wings</th>
<th>Feelers</th>
<th>Beak</th>
</tr>
</thead>
<tbody>
<tr>
<td>S</td>
<td>Hair</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>T</td>
<td>Feathers</td>
<td>2</td>
<td>-</td>
<td>1</td>
</tr>
<tr>
<td>U</td>
<td>Scales</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>V</td>
<td>Moist skin</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>W</td>
<td>Hard-outer covering</td>
<td>2</td>
<td>2</td>
<td>-</td>
</tr>
</tbody>
</table>

(a) Which animal is an insect? Explain why. [1]

(b) State all the characteristics of Animal T, based on the table shown above. [1]

(c) A toad is an amphibian. Which one of the animals above would most likely be a toad? [1]
30. The diagram below shows a fish.

(a) Match the letters (A, B, C or D) to the fish parts shown below.

Scales: 
Fin: 
Gill cover: 
Tail: 

(b) The arrangement of the scales allows the fish to swim easily in the water. State another function of the scale.

(c) Dolphin is a mammal, not a fish. Explain why.
31. The table below shows the characteristics of living things S and T.

<table>
<thead>
<tr>
<th></th>
<th>Reproduce by spores</th>
<th>Cannot make its own food</th>
<th>Can only be seen under a microscope</th>
</tr>
</thead>
<tbody>
<tr>
<td>S</td>
<td></td>
<td>√</td>
<td>√</td>
</tr>
<tr>
<td>T</td>
<td>√</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(a) Based on the information given in the table above, which group of living things do living things S and T most likely belong to? [1]

(i) S: ____________________

(ii) T: ____________________

(b) Sarah said that living thing T is a fern. Explain why she is wrong. [2]

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________
32. Mr Lim wears a helmet when he rides his motorcycle to protect his head from any injuries.

The table below shows the properties of materials W, X, and Y. A tick (√) in the table indicates that the material has that property.

<table>
<thead>
<tr>
<th>Material</th>
<th>Waterproof</th>
<th>Strong</th>
<th>Allows most light to pass through</th>
<th>Flexible</th>
</tr>
</thead>
<tbody>
<tr>
<td>W</td>
<td>√</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>X</td>
<td>√</td>
<td>√</td>
<td>√</td>
<td>√</td>
</tr>
<tr>
<td>Y</td>
<td>√</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(a) Explain why it is better to use material X than material Y, to make part P. [1]

---

(b) Explain why material W is not suitable to be used to make part Q. [1]

---

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33. Study the flowchart below carefully.

![Flowchart Image]

(a) Describe all the properties of material G. [1]

(b) Match E, F, G and H to the correct materials in the box below. [2]

<table>
<thead>
<tr>
<th>Rubber</th>
<th>Cotton</th>
<th>Glass</th>
<th>Iron</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The letters E, F, G and H, in the flowchart, represent the materials as shown in the box below.
The table below shows the amount of light that can pass through materials A, B and C.

<table>
<thead>
<tr>
<th>Material A</th>
<th>Allows most light to pass through</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material B</td>
<td>Allows some light to pass through</td>
</tr>
<tr>
<td>Material C</td>
<td>Does not allow any light to pass through</td>
</tr>
</tbody>
</table>

(a) Sharon has a window in her bedroom.

During the day, she wants to sit by the window to do her homework without the lights on. She also wants the window pane to be able to shield her from the bright sunlight.

(i) Which material, A, B or C is the most suitable for making the window pane. Explain your answer. [1]

(ii) Which material, A, B or C is the most suitable for making the toilet door in Sharon’s toilet so that no one can see her when she is in the toilet. Explain your answer. [1]
(b) Sharon went to the supermarket to buy a new milk bottle for her baby brother. She chose a bottle which is made of glass but her mother said that it was not suitable.

(i) Based on one property of glass, explain why the glass milk bottle is not suitable for Sharon's baby brother. [1]

________________________________________
________________________________________

(ii) Suggest another material which is more suitable for making the milk bottle. Explain your choice. [1]

________________________________________
________________________________________
SECTION A

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

SECTION B

Q25a) Living – Crocodile, Rose plant – Non-living – Car
Q25bi) Living things can reproduce but non-living things cannot reproduce.
Q25bii) Living things can move freely but non-living things cannot move freely.

Q26a) Living thing B makes its own food and does not reproduce by seeds.
Q26b) Living thing C reproduces by seeds but living thing B does not reproduce by seeds.
Q26c) Living thing A.

Q27a) X: Flowering plants → Plant B, Plant C
      Y: Non-flowering plants → Plant A, Plant D
Q27b) It may have not been the right time for the flower to bear flowers.

Q28a) Animal L gives birth to young alive and has hair.
Q28b) Animal M has scales but Animal N has moist skin.
Q28c) A frog has moist skin but Animal M has scales.
Q29a) Animal Q. Animal W as a hard outer-covering and feelers like insects do.
Q29b) Animal T has feathers, 2 wings and 1 beak.
Q29c) Animal V

Q30a) Scales: B  Fin: D  Gill cover: A  Tail: C
Q30b) The scales protect the fish.
Q30c) Dolphin has hair and can suckle its young but fish has scales and cannot suckle its young.

Q31ai) Bacteria  ii) Fungi
Q31b) Living thing T cannot make its own food but fern can make its own food as it is a plant.

Q32a) Material X allows most light to pass through so that the user can see through it clearly.
Q32b) Material W is not strong so it will not be able to protect the user.

Q33a) Material G is waterproof, not flexible and strong.
Q33b) Rubber: H  Cotton: E  Glass: F  Iron: G

Q34ai) Material B. It allows some light to pass through so it is able to shield her from the bright sunlight.
Q34a) Material C. It does not allow any light to pass through so no one can see her when she is in the toilet.
Q34b) Glass is not strong. It is easily broken when dropped.
Q34b) Plastic. It is strong so it does not break easily when dropped.
SEMESTRAL ASSESSMENT 1 (2017)
PRIMARY 3
SCIENCE
BOOKLET A

Wednesday 17 May 2017 1 hr 30 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 25 questions in this booklet.
4. Answer ALL questions.
5. Shade your answers in the Optical Answer Sheet (OAS) provided.

This question paper consists of 14 printed pages (inclusive of cover page).
Booklet A (50 marks)

For each question from 1 to 25, 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. (25 x 2 marks)

1. The picture below shows how Mickey reacted when he accidentally touched a hot kettle.

Which of the following characteristics is shown by Mickey based on the above picture?

(1) He can grow.
(2) He can reproduce.
(3) He needs air, food and water.
(4) He responds to changes around him.

2. The picture below shows the changes of a green bean plant over a few weeks.

Which of the following best explains the characteristic of living things shown by the plant?

(1) Living things respond.
(2) Living things can grow.
(3) Living things need air, food and water.
(4) Living things can move by themselves.
3. Study the flowchart carefully.

```
Is it a plant?
  Yes
   A
     Yes
      Orchid
     No
      Bird's Nest Fern
  No
   B
     Yes
      Crocodile
     No
      Cat
```

Which of the following best represents the questions for A and B?

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1) Does it bear flowers?</td>
<td>Does it have 4 legs?</td>
</tr>
<tr>
<td>(2) Does it bear fruits?</td>
<td>Does it lay eggs?</td>
</tr>
<tr>
<td>(3) Does it feed on living things?</td>
<td>Does it have hair on its body?</td>
</tr>
<tr>
<td>(4) Does it bear flowers?</td>
<td>Does it suckle its young?</td>
</tr>
</tbody>
</table>

4. Look at the objects below.

Fan  Mechanical pencil  Broom

Which of the following statement(s) best explains why the items above are non-living things?

A  They can move.
B  They cannot grow.
C  They can reproduce.
D  They cannot respond to changes around them.

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