

UNITED ARAB EMIRATES
MINISTRY OF EDUCATION
CURRICULUM DEPARTMENT



الإمارات العربية المتحدة
وزارة التربية والتعليم
إدارة المناهج

ASP grade 6 entry test practice paper

SCIENCE

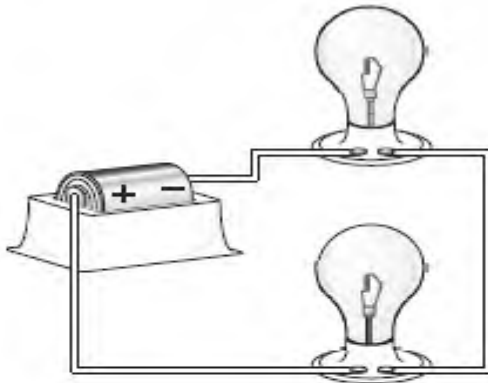
Circle the correct answers.

1 Why are *most* fossils found in sedimentary rocks?

- A Sedimentary rocks are not very old.
- B Organisms live only in areas with sedimentary rock.
- C Organisms can be preserved in sedimentary rock.
- D Sedimentary rocks are found only at the surface of the ground.

2

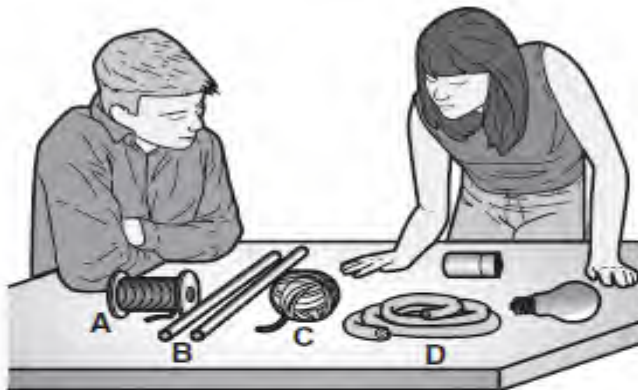
The diagram below shows an electrical circuit.



This circuit is a series circuit because

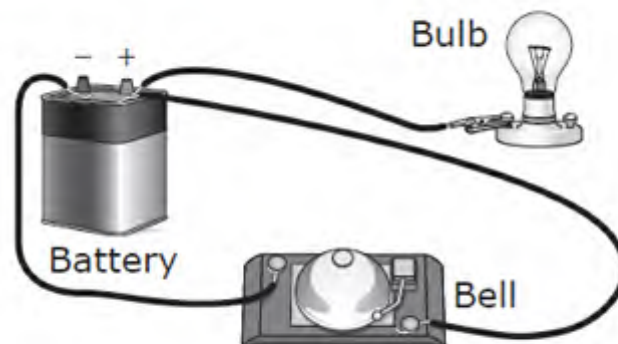
- A it has two light bulbs.
- B the same current flows through both light bulbs.
- C it uses a single battery.
- D the current is divided between the light bulbs.

- 3 Students are gathering materials and building an electrical circuit.



Which material will allow electricity to flow between the battery and the light bulb?

- A copper wire
 - B wooden rod
 - C cotton string
 - D rubber tube
- 4 A group of students built the circuit shown below.



The lightbulb does not glow. Which statement explains this observation?

- F The battery is not charged.
- G The lightbulb is not part of a complete circuit.
- H The circuit does not have a switch.
- J The bell uses most of the energy from the battery.

5 Salman measures the length of a leaf with a centimetre ruler.

What is the length of the leaf?

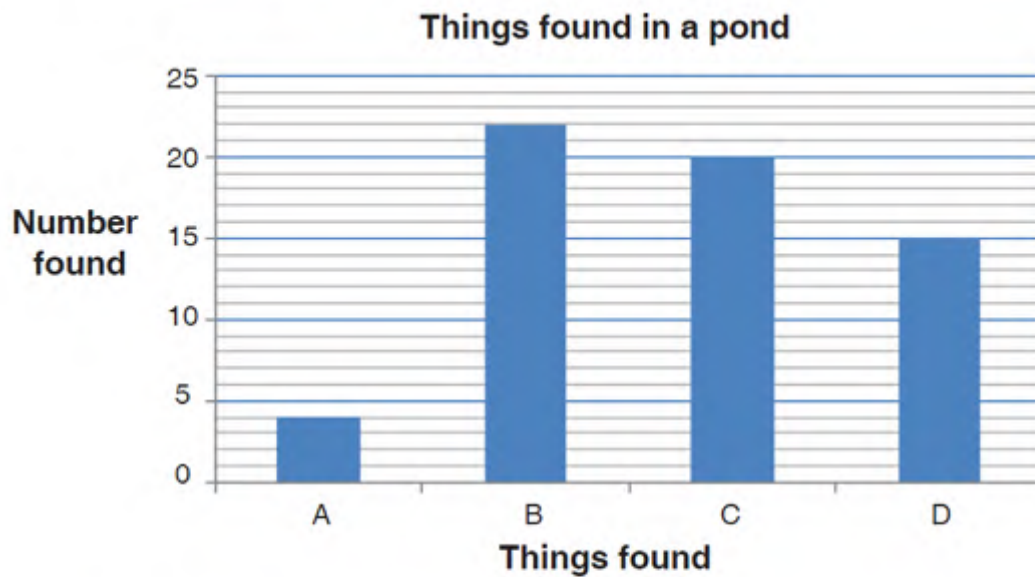
- A 3 cm
- B 6 cm
- C 9 cm
- D 12 cm



6 Vishal found these things in a pond:

Things found	Number found
tadpoles	20
frogs	4
stones	22
lilies	15

He made a column graph to show what he found.



Which column on the graph shows the number of lilies Vishal found?

- A Column A
- B Column B
- C Column C
- D Column D

7 Which of these spends its young life **only** in water?



A



B



C



D

8 Which property of air allows hot air balloons to float?

- A** air traps the warmth of the sun
- B** air is important for breathing
- C** air is a mixture of gases
- D** warm air rises



9 Camouflaged animals look like the things around them.

Where would this camouflaged insect most likely live?

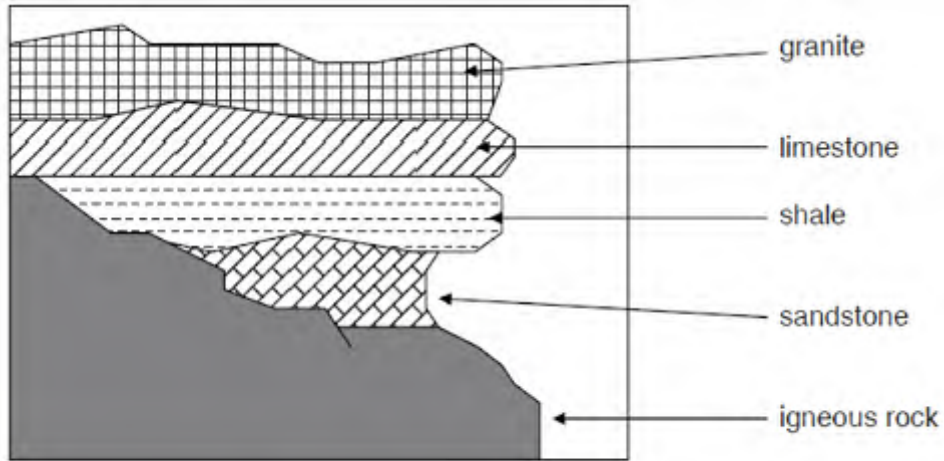
- A** in a tree
- B** on a beach
- C** under water
- D** in a desert



10 Which two planets are most similar in size?

- A** Jupiter and Saturn
- B** Earth and Venus
- C** Uranus and Neptune
- D** Mercury and Mars

11



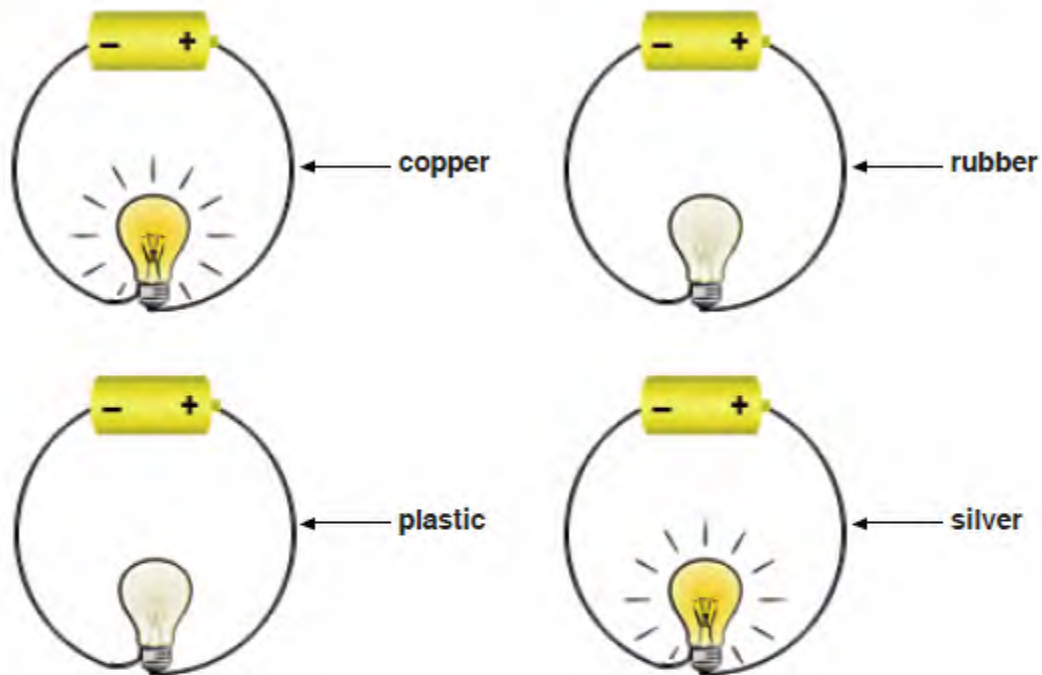
Which rock layer is the oldest?

- A granite
- B limestone
- C sandstone
- D igneous rock

12 Which row correctly groups these energy sources?

	Renewable (will not run out)	Non-renewable (will be used up)
A	wood, solar power	gas, petrol
B	gas, petrol	wood, solar power
C	petrol, wood	solar power, gas
D	solar power, gas	petrol, wood

13 Substances that allow electricity to flow through them are called conductors.



What conclusion can be made from the above experiment?

- A Only copper and silver are conductors.
- B Only rubber and plastic are conductors.
- C None of these substances are conductors.
- D All these substances are conductors.

14 Shenaz is not sure if the tap water is safe to drink.

What can Shenaz do to make the water safe to drink?

- A boil the water
- B freeze the water
- C keep the water at a constant temperature
- D store the water for few days and then use it



15



Using this system, the animal above is best classified as

- A a vertebrate.
- B a soft-bodied invertebrate.
- C a fish.
- D an insect.

16 | Using this classification system, a lobster is best described as

- A a vertebrate with an exoskeleton.
- B an invertebrate with a soft body.
- C an invertebrate with an exoskeleton.
- D an animal that lives in a marine environment.



MATHEMATICS

Circle the correct answer (1 Mark Each)

1. The fraction $\frac{5}{6}$ can be represented by this expression.

$$\frac{1}{6} + \frac{2}{6} + \square$$

Which fraction belongs in the \square to complete the expression?

A. $\frac{2}{6}$

B. $\frac{3}{6}$

C. $\frac{1}{6}$

D. $\frac{6}{6}$

2. What number goes in the box to make the answer correct.

$$45 \times \square = 145$$

A. 1

B. 2

C. 4

D. 9

3. Which of these represent the **number 457**?

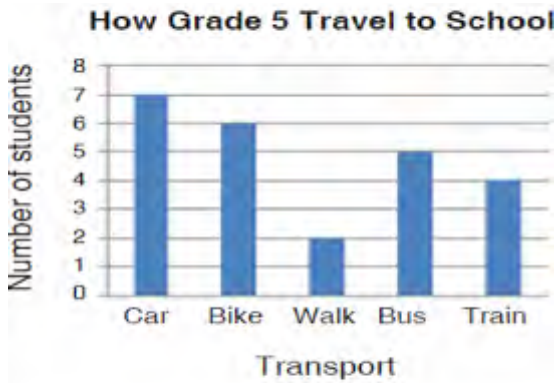
A. $800 + 50 - 70$

B. $800 + 5 - 7$

C. $100 + 300 + 50 + 10 + 7$

D. $800 + 300 + 60 + 70$

4. Students in grade 5 were asked how they travel to school each day. The results are seen in the graph.



How many students travel by train?

- A 4 B 5
C 6 D 7

5. Which of these is not a factor of 12?

- A. 2
B. 4
C. 6
D. 8

6. Nayla's radio has this kind of plug



She has to put the plug into a socket.

Which socket will the plug fit into?

- A B
C D

7. What is your answer when **165 is divided by 15**?

- A. 10
- B. 11
- C. 12
- D. Not here

8. This table shows the number of stickers given to students in the Dolphins Reading Group.

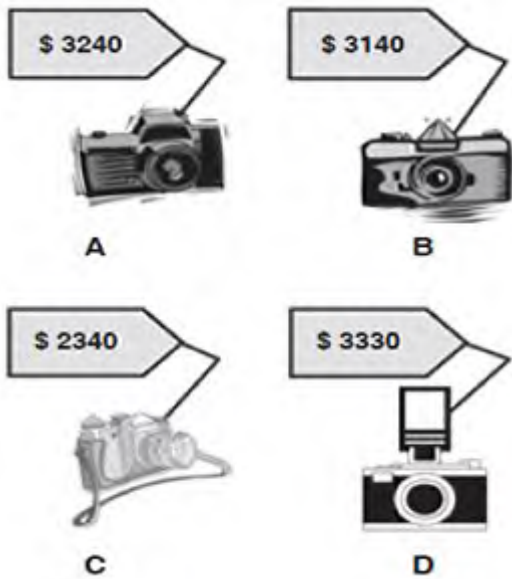
Dolphins Reading Group	
Salma	● ● ● ● ● ● ●
Mustafa	● ● ● ● ● ●
Roshan	● ● ● ●
Eshita	● ● ● ● ● ● ● ●
Kiah	● ● ● ● ●
Aida	● ● ● ● ● ● ● ● ● ●
Taj	● ● ● ● ● ● ● ● ● ●

Which one of these statements is true?

- A** Taj has the most stickers.
 - B** Three students have an equal number of stickers.
 - C** Roshan has half as many stickers as Eshita.
 - D** Aida has twice as many stickers as Kiah.
9. Which statement about the number 726,483.19 is true?
- A. The digit 9 has a value of (9×100)
 - B. The digit 4 has a value of (4×100)
 - C. The digit 8 has a value of (8×0.1)
 - D. The digit 2 has a value of (2×10)

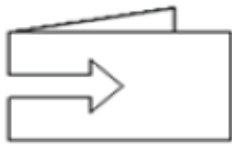
10. In which table are Salah bought a camera that was \$900 more than the cheapest one shown?

Which camera did he buy?

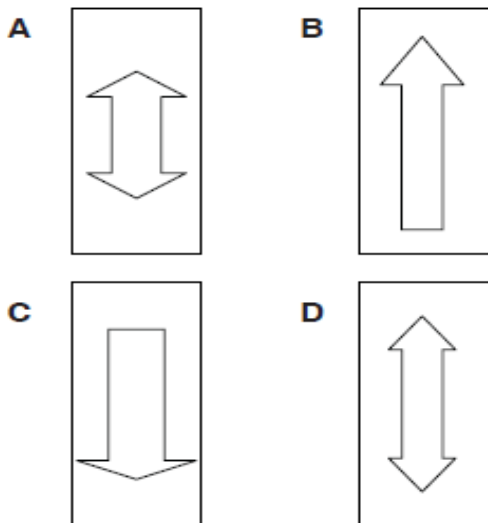


11.

Mohit cut a shape out of a piece of folded paper.



Which of these shows the shape when the paper is unfolded?



12. A football player scores 15 goals every season. How many goals did he score in 20 years?

- A. 150
- B. 300
- C. 450
- D. 600

13. What time is showing on this clock?



- A 3:40 B 4:40
- C 3:08 D 8:20

14.

What fraction of 100 is 5?

- A $\frac{5}{10}$ B $\frac{1}{5}$
- C $\frac{1}{20}$ D $\frac{1}{50}$

15.



What fraction of this rectangle is shaded?

- A 0.3 B 0.03
- C 3.0 D 3.3

ENGLISH LANGUAGE

Reading and Comprehension

Read the paragraphs below and then answer the questions that follow.

I have found that people need to use computers at their work, at home, and at school. I use a computer at school, and I use my computer at home each day. My sister also needs to use the computer for her homework. Sometimes my parents need to use the computer when they get home from work! It is a good thing that we have three computers in my house.

My sister and I both have computers in our bedrooms. I am glad that I do not have to share a computer with my sister because I have lots of homework projects stored on it. If my sister used my computer, she might mess up some of my projects. Or she might delete one of my projects! That would be terrible. Probably my sister feels the same way. I am sure that she is glad that I never touch her computer in her room.

When we had one computer in our home, my parents told my sister and I, "We must all share this computer." But then my sister and I had a big fight because of our homework. We both had to write papers for school, so we both needed to use the computer. After that, my parents understood that we needed our own computers. Everyone at my house is happy now that there is a computer for each of us.

1. The main idea of this text is _____.
 - a) how many computers you can have in one house
 - b) the importance of having your own computer
 - c) that everyone can use computers

[2]

2. The writer uses her computer at school and at _____ every day.
 - a) home
 - b) work
 - c) university

[2]

3. The writer is happy she doesn't have to share a computer with her sister because _____.
- a) she likes to watch movies on the computer
 - b) she doesn't like her sister using the computer
 - c) her sister might delete her work by accident
- [2]
4. When everyone had to share the same computer _____.
- a) nobody wanted to use the computer at any time
 - b) the writer and her sister wanted to use the computer at the same time
 - c) the writer's parents wanted to keep the computer in the bedroom
- [2]
5. The writer had a big fight with her sister because they both _____.
- a) needed the computer to do homework
 - b) wanted a new computer
 - c) had no space in their bedrooms for a computer
- [2]

Grammar

Circle the best word from A, B and C to complete the questions

6. It was so _____ my scarf flew away
- A. windy
 - B. rainy
 - C. sunny
- [1]

7. I my bag in the mall today

- A. made
- B. Lost
- C. gave

[1]

8. I it when the internet is broken

- A. Find
- B. Hate
- C. Play

[1]

9. My sister loves animals, she is very

- A. Kind
- B. Mean
- C. Bad

[1]

10. The UAE is very hot in the summer

- A. Forever
- B. Always
- C. Never

[1]

ABSTRACT REASONING

Which of the answers is needed to complete the series?

1.

2	4
6	8

8	10
12	14

14	16
18	20

?	?
?	?

a:

22	24
26	28

b:

20	22
24	26

c:

24	26
28	30

2.

1	2
1	3

1	4
1	5

1	6
1	7

?	?
?	?

a:

8	1
1	9

b:

1	8
1	9

c:

1	8
9	1

3.

▶	▶
◀	◀

◀	▶
◀	▶

◀	◀
▶	▶

?	?
?	?

a:

▶	◀
▶	◀

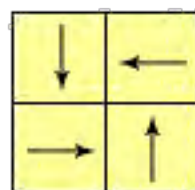
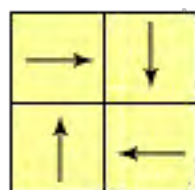
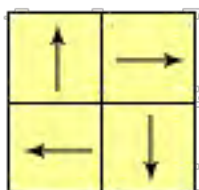
b:

▶	◀
◀	▶

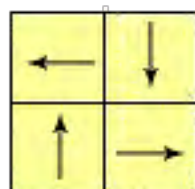
c:

▶	▶
◀	◀

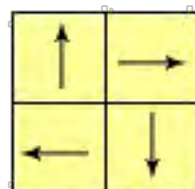
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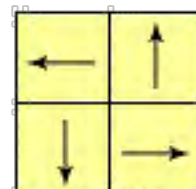
a:



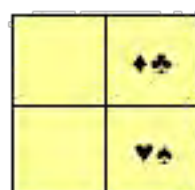
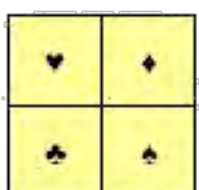
b:



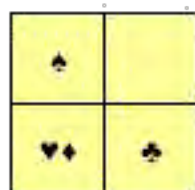
c:



5.



a:



b:



c:

