SCREENING TEST (SECTION A)

Science

NAME: _____ YEAR: 7_____

Answer all questions. Choose the correct answer and write the letter (A, B, C or D) in the answer box.

1. Which of the following are both **non-magnetic**?

A. Glass and cotton.
B. Glass and steel scissors.
C. Glass and iron pins.
D. Glass and metal clips.

2. **Bacteria** are micro-organisms that can be found _____

A. in soil and water.
B. in soil and air.
C. in water and soil.
D. in water, soil and air.

3. Animals can be classified into two main groups;

A. Plants and animals.
B. Animals with a backbone and animals without a backbone.
C. Mammals and reptiles.
D. Fish and birds.

4. A material which **do not** allow light to pass through is _____.

A. Opaque
B. Transparent
C. opaque and transparent
D. Flexible

5. Animals have **special characteristics** that help them to live in their habitat. These characteristics are called _____.

A. habitat.
B. conduction.
C. environment.
D. Adaptations

LIVEWORKSHEETS

6. Observe the objects below carefully.

1.

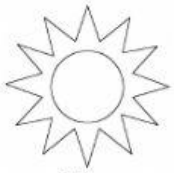


Lighted candle

2.

A lighted bulb

3.



Sun

4.



Non-lighted bulb

Which of the above objects are sources of light?

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

7. When light falls on an opaque object, light is blocked and a _____ is formed.

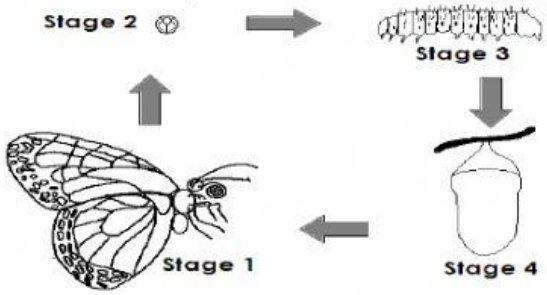
A. Light
B. Heat
C. shadow
D. magnet

8. _____ produce sound.

A. Vibrations
B. Adaptations
C. Translucent
D. Transparent

LIVEWORKSHEETS

9. The diagram below shows the life cycle of an animal. What is **Stage 1, 2, 3 and 4**?



	Stage 1	Stage 2	Stage 3	Stage 4
A.	Butterfly	Egg	Nymph	Pupa
B.	Butterfly	Pupa	Egg	Caterpillar
C.	Butterfly	Egg	Caterpillar	Pupa
D.	Butterfly	Pupa	Larva	Egg

10. _____ occurs when two surfaces rub against each other.

A. Conduction
B. Friction
C. Lightning
D. Flexible

11. To **see** micro organisms, we need to use a _____.

A. heat.
B. microwave.
C. microscope
D. Fungi.

12. Which of the animals below is a **micro-organism**?

A. Daphnia.
B. Snake.
C. Fungi.
D. Sound

13. A _____ can be found in **shallow, warm water in the sea**.

A. Tropical rainforest habitat
B. Tropical coral reef habitat
C. Pond habitat
D. Field habitat

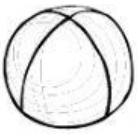
14. **Sound** energy can travel through _____

A. solid and liquid only.
B. solid and gases only.
C. solid, liquid and gases.
D. liquid and gases only.

LIVEWORKSHEETS

15. Observe the objects below carefully.

1. 
Glass bottle

2. 
Clear plastic ball

3. 
Flower vase

4. 
Test tube

Which of the above objects are **transparent**?

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

16. Basically, living things can be divided into **4 large groups**;

A. Bacteria, fungi, plants and animals.
B. Bacteria, fungi, plants and mammals.
C. Bacteria, plants and animals.
D. Bacteria, fungi and animals.

17. _____ are the only animals that have a body covered with feathers.

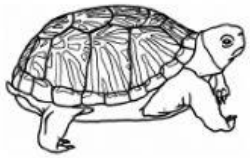
A. Mammals
B. Reptiles
C. Birds
D. Amphibians

18. _____ are animals that can live **both** on land and in water.

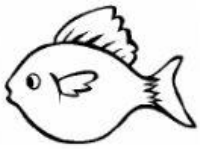
A. Bacteria
B. Fish
C. Birds
D. Amphibians

LIVEWORKSHEETS

19. Look at the animals below:

1. 

2. 

3. 

4. 

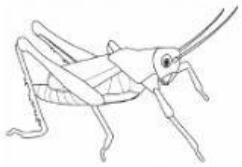
Which of the animals above **lay eggs**?

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

20. Which one of the materials below will **sink** in water?

A. Feather
B. Balloon
C. Paper
D. Iron nail

21. Identify the animal below.

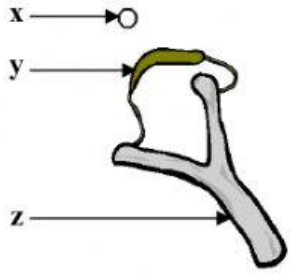


It belongs to the group_____

A. Amphibian
B. Insect
C. Reptile
D. Fish

LIVEWORKSHEETS

22. The diagram below shows a sling shot. What is the **property** of each part marked x, y and z ?



	x	y	z
A.	hard	flexible	soft
B.	hard	magnetic	flexible
C.	hard	flexible	hard
D.	hard	magnetic	flexible

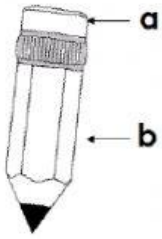
23. The flow of heat through a solid is called _____

A. conduction.
B. magnetism.
C. transparency.
D. texture.

24. Which one of the following animal below **does not** belong to the insect group?

A. Spider
B. Ladybug
C. Praying mantis
D. Butterfly

25. Look at the pencil below:



The part marked **a** and **b** above is usually made from:

	a	b
A.	Glass	Paper
B.	Paper	Wood
C.	Rubber	Paper
D.	Rubber	Wood

LIVEWORKSHEETS

26. A force is a _____.

A. push only.
B. pull only.
C. push or a pull.
D. push or a press.

27. When Majid jumps up into the air, _____ pulls him down again.

A. soil
B. grass
C. magnets
D. gravity

28. The force of attraction is called _____.

A. Gravitational force.
B. Magnetic force.
C. Frictional force.
D. Elastic force.

29. Sound **cannot** travel through _____.

A. Air
B. Solid
C. Liquid
D. Vacuum

30. Plants have two main systems, they are;

A. The root and leaf system.
B. The root and stem system.
C. The root and shoot system.
D. The root and soil system.

(30 marks)

TOTAL MARKS	30

LIVEWORKSHEETS