

I. Choose the correct answer by crossing (x) A, B, C, or D!

1. The effect of force is a boat floats on water.

What is type of force?

- A. Applied force
- B. Gravity
- C. Upthrust
- D. Downwards

2. The effect of force is a coin moves as you spin it.

What is type of force?

- A. Applied force
- B. Gravity
- C. Upthrust
- D. Downwards

3. The effect of force is a skydiver slows down as he or she falls.

What is the type of force?

- A. Applied force
- B. Gravity
- C. Upthrust
- D. Downwards

4. A force is a... or a pull.

Complete the sentence.

- A. applied
- B. push
- C. downwards
- D. surface

5. Forces always act in...

Complete the sentence

- A. pairs
- B. upwards
- C. normal
- D. downwards

6. When an object is placed on a ..., it has two forces acting on it.

Complete the sentence.

- A. push
- B. pairs

B. surcafe

D. downwards

7. Gravity acts ... on the object

Complete the sentences

A.push

B. pairs

C. surface

D. downwards

8. an upward force known as ... force acts against gravity

Complete the sentences

A.normal

B. downwards

C. surface

D. pairs

9. a fish lives in water

There is force acting between the body of the fish and the water

What is this force called ?

A.Air resistance

B. normal force

C. water resistance

D. upthrust force

10. a box is placed on a table

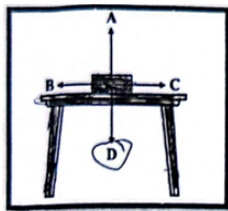
Which arrow shows the dirrection of the gravity acting on the box?

A.A

B. B

C.C

D. D



11. Which of these substance in not pollutans?

A. Gases released from vehicles

B. Litter on the ground

C. Plastic waste

D. The air we breathe out

12. Which of these causes air pollution?

A. Burning fossil fuels

B. Releasing waste into lakes, seas and rivers

C. Throwing rubbish into the bin

D. Acid rain can damage the environment both on air

13. Sounds are made when object vibrate.

What is a vibration?

A back and forth movement

B. An upward movement

C. A circular movement

D. A downward movement

14. Some students are discussing what happens to a toy car when there are unbalanced forces acting on it.

What are the true statements?

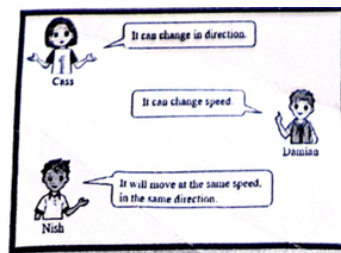
Choose two correct answers.

A. Cats

B. Damian

C. Nish

D. Damian and Nish



15. Lena is shopping for a pair of shoes. She observes that the soles of the shoes are designed as shown in the picture.



What are the reasons for the design of the soles?

Choose two correct answers.

A. To increase the gravity acting on the shoes

To make the shoes heavier

C. To prevent people from slipping while walking

To make the shoes easy

16. Two boys are pushing a stationary box in opposite directions.

The box remains stationary. What are the stationary?

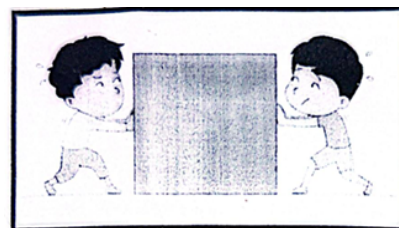
Choose two correct answers.

The forces of push applied by the two boys are equal or balanced

B. The forces of pull applied by the two boys are equal or balanced.

C. There is no change in movement and the box remains stationary

D. There is change in movement and the box remains stationary.

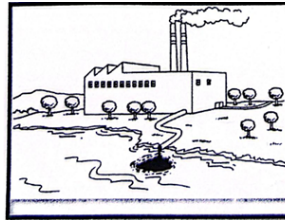


17. Look at this picture.

What types of pollution may occur in this environment?

Cross the two correct answers.

- A. Air pollution
- B. Land pollution
- C. Water pollution
- D. Tree pollution



18. Acid rain is formed when A and other B dissolve in water

Complete the sentences A and B

Choose two correct answers

- A chemicals
- B. air pollutants
- C. oil
- D. rubbish

19. The picture below shows rubbish thrown on the ground.

How does the rubbish affect the environment?

Choose two correct answers.

- A. It causes acid rain, which pollutes the water bodies
- B. It harms the living things in the environment
- C. It releases harmful substances that pollute the land
- D. It useful the living things in the environment



20. What can happen when an object vibrates?

Choose two correct answers.

- A. It can make the air particles around it to vibrate
- B. It does not affect the particles around it.
- C. The vibration can travel through different types of matter
- D. The vibration cannot travel through solids.

II. Tick the statement () to column true or false !

No	Statement	True or False
21	Forces always act in a pair	
22	Haze pollutes the environment	
23	All pollutant are gases	
24	Burying plastic waste does not cause harm to the ground	
25	Sound can be produced without vibration	