



EBHS KIKHANZA HOMESCHOOLING BOGOR

"More Knowledgeable, Creative, and Independent"

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Name : _____ Grade : _____

Subject: _____ Teacher : _____

FINAL EXAM
Science
ACADEMIC YEAR 2024/2025
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I. Multiply choices questions

1. What causes sound to be produced?
a) Light waves
c) Gravity
b) Vibrations
d) Electricity
2. Sound travels fastest through which medium?
a) Air
c) Metal
b) Water
d) Space
3. Which part of the human body helps us hear sound?
a) Eyes
c) Ears
b) Hands
d) Nose
4. What happens to sound when it hits a hard surface?
a) It disappears
c) It reflects and creates an echo
b) It gets absorbed
d) It turns into light
5. Which of the following is an example of a loud sound?
a) A whisper
c) A leaf falling
b) A dog barking
d) A pencil tapping
6. How do we measure how high or low a sound is?
a) Volume
c) Speed
b) Pitch
d) Weight
7. What do we call sound that is too loud and harms people or the environment?
a) Music
c) Echo
b) Noise pollution
d) Frequency
8. Why can't we hear sound in space?
a) Space is too far away
c) Sound travels too fast
b) There is no air for sound to travel through
d) Space absorbs sound
9. What is the name of the only planet in our solar system known to support life?
a) Mars
c) Earth
b) Jupiter
d) Venus
10. What is Earth's natural satellite?
a) Sun
c) Mars
b) Moon
d) Saturn
11. Satellites help scientists do many things. Which of the following is NOT a reason satellites are used?
a) Observing weather
c) Making electricity for homes
b) Sending TV signals
d) Helping with navigation
12. Which layer of Earth is the hottest?

a) Crust
b) Mantle
c) Outer core
d) Inner core

13. What do communication satellites help us do?
a) Travel through space
b) Predict earthquakes
c) Send phone and internet signals
d) Make Earth spin faster

14. Why do astronauts experience weightlessness in space?
a) There is no gravity in space
b) Space pushes them up
c) There is very little gravity compared to Earth
d) Satellites make them float

15. What protects Earth from harmful radiation from the sun?
a) Mountains
b) Earth's magnetic field
c) Earth's oceans
d) Satellites

16. What is pollution?
a) Clean air and water
b) Substances that damage the environment
c) Plant growth
d) Fresh oxygen

17. Which of the following is an example of water pollution?
a) Throwing trash in a river
b) Planting trees near lakes
c) Drinking clean water
d) Swimming in the ocean

18. What is one main cause of air pollution?
a) Car exhaust and factory smoke
b) Fresh air from trees
c) Rainwater
d) Wind blowing

19. Which of the following can help reduce land pollution?
a) Recycling plastic and paper
b) Littering in parks
c) Burning waste in forests
d) Throwing trash on the ground

20. How does noise pollution affect people?
a) It makes cities quieter
b) It can cause stress and hearing problems
c) It helps animals communicate better
d) It cleans the environment

II. Match each item!

Column A

1. Echo
2. Earth
3. Satellite
4. Air pollution
5. Moon

Column B

- a) The planet we live on
- b) A man-made object orbiting Earth
- c) Sound bouncing off a surface
- d) Dirty air caused by smoke and fumes
- e) Earth's natural satellite

III. Answer these questions below!

1. What causes sound to be produced? _____

2. What is Earth's natural satellite? _____



3. How do satellites help scientists study the weather? _____

4. What is one major effect of air pollution on human health? _____



5. How can we reduce plastic pollution in the oceans? _____

