



EBHS KIKHANZA HOMESCHOOLING BOGOR

"More Knowledgeable, Creative, and Independent"

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Name : _____ Grade : _____

Subject: _____ Teacher : _____

FINAL EXAM
Science
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I. Multiply choices questions

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

