

# INSPIRED TOTS EARLY LEARNING CENTRE SECOND TERM EXAMINATION 2023/2024

Name \_\_\_\_\_ Class 5<sup>Th</sup> Grade Date \_\_\_\_\_

Subject: Science

1. Which gas makes up the largest part of air?  
a. Carbon dioxide      b. Oxygen      c. Nitrogen      d. Sulfur dioxide
2. The second most abundant gas in the atmosphere is:  
a. Oxygen      b. Nitrogen      c. Carbon dioxide      d. None of the above
3. What could justify the odour sometimes carried in the air when air is said to have no smell?  
a. Air smells sometimes that's why.  
b. Odours from other substances can be carried in the air.  
c. when one of the constituents of air spoiled  
d. Air is not totally odourless.
4. In what way do most living things use the oxygen in the air with glucose in their food to release energy?  
a. Transpiration      b. Evaporation      c. Respiration      d. Transportation

5. Name these minerals. Use the words in the box to help you.

rose quartz      diamond      bitumen  
limestone      clay      gold

A



B



C



D



E



F



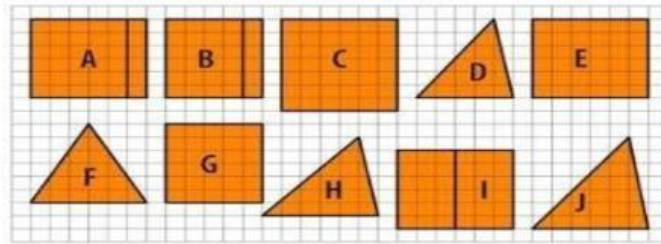
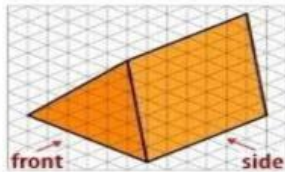
6. How is air pressure created?  
a. When the weight of the air presses down on Earth's surface  
b. when you force the air into a vacuum  
c. with a fast-moving fan, pressure is added to air.  
d. wind creates pressure in air

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7.

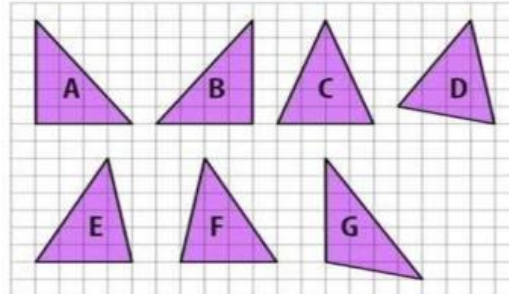
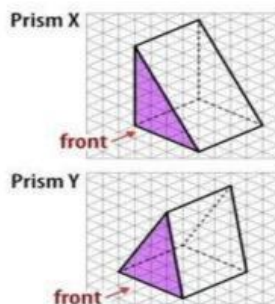
Choose which option shows the plan, which option shows the front elevation and which option shows the side elevation of this prism.



8.

Which of the options below shows

- a) the front elevation of prism X?
- b) the front elevation of prism Y?



9. A balloon stay in the air because air pressure is \_\_\_\_\_
- a. Acting upwards and is greater than the force of gravity.
  - b. Acting downward and is less than the force of gravity
  - c. Equal to the force of gravity
  - d. Acts upward while gravity is absent
10. Things that float in air are usually \_\_\_\_\_, \_\_\_\_\_ and have wings.
- a. Round, heavy    b. flat, lightweight    c. spherical, weightless    d. flat, heavy

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11. What meaning could this statement have? "Minerals are form naturally in the ground."  
a. It means that they do not come from animals or plants  
b. it means that they are made from natural things  
c. it means that they cannot be made artificially  
d. it means that you can only form them in the ground
12. Identify the hardest mineral among the options below?  
a. Aquamarines      b. Gold      c. Diamond      d. Bitumen

13. Complete the table below using the words in the box.

ceramics      countertops      cement tape  
roads      jewellery

| Minerals  | Uses |
|-----------|------|
| Bitumen   |      |
| Clay      |      |
| Gold      |      |
| Granite   |      |
| Limestone |      |

14. Where are the main gold reserves in Nigeria?  
a. Osun, Ondo, Kaduna, Niger, Zamfara and Kebbi States  
b. Plateau, Nasarawa, Bauchi, Benue and Taraba  
c. Cross River, Edo, Delta, Abia, Imo, Bayelsa, Rivers and Akwa-Ibom  
d. Borno, Yobe, Jigawa, Katsina, Adamawa and Kano
15. Which state is known as the Coal City State?  
a. Boko      b. Mangu      c. Enugu      d. Lagos

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Complete the sentences using the words in the box below

blue      green      pink      red      yellow

16. \_\_\_\_\_ is not a colour of the visible spectrum.
17. The primary colours of light are red, \_\_\_\_\_ and \_\_\_\_\_.
18. The secondary colours of light are cyan, magenta and \_\_\_\_\_.
19. A cyan filter absorbs \_\_\_\_\_ light.

Tick the  
correct box  
True/False

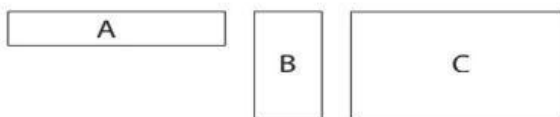
20. Using a sharp pencil makes drawings more accurate.
21. A T-square is used for drawing circles.
22. Using the 30° angle on a T-square creates a diagonal line.
23. An arc is part of a circle.

| True                     | False                    |
|--------------------------|--------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> |

This picture shows a 3D wooden block.



These three drawings show three different views of the block.



24. Which drawing shows the end view?
25. Which drawing shows the side view?
26. Which drawing shows the top view?