

INSPIRED TOTS EARLY LEARNING CENTER  
THIRD TERM EXAMINATION 2023/2024

Pupils Name: \_\_\_\_\_

Basic Science

4<sup>th</sup> Grade

Fill in the blank with the correct answers

1. The uppermost layer of the earth crust is termed \_\_\_\_\_
2. \_\_\_\_\_ is the washing away of the top soil by either rain or wind.
3. Liquid wastes are also known as \_\_\_\_\_ while solid wastes are otherwise known as \_\_\_\_\_
4. \_\_\_\_\_ is the bony framework of the body.
5. A point where two or more bones meet is referred to as \_\_\_\_\_
6. How many bones are found in the human body? \_\_\_\_\_
7. The name given to the bone responsible for protecting the brain is \_\_\_\_\_
8. The \_\_\_\_\_ is responsible for protecting the heart and lungs
9. \_\_\_\_\_ and \_\_\_\_\_ are the two types of joints
10. The transfer of pollen grain from the anther to the stigma is called \_\_\_\_\_.

Tick the correct option

11. There are basically \_\_\_\_\_ types of rocks (a) 3 (b) 2 (c) 4 (d) 5
12. Sedimentary and igneous are types of \_\_\_\_\_ (a) rocks (b) flowers (c) joints (d) pollution
13. Acids are \_\_\_\_\_ while bases are \_\_\_\_\_ (a) sour and bitter (b) bitter and sour (c) sweet and bitter (d) sour and sweet
14. What type of acid is found in milk (a) lactic acid (b) citric acid (c) nitric acid (d) hydrochloric acid
15. Acids are **corrosive** in nature. This means that acid can \_\_\_\_\_ (a) burn (b) change (c) evaporate (d) explode
16. A light , silver colored metal that can be made into thin, flexible sheets is called \_\_\_\_\_ (a) aluminium (b) steel (c) gold (d) iron
17. A silver metal made by mixing iron with carbon is called \_\_\_\_\_ (a) steel (b) aluminium (c) gold (d) iron
18. A heavy silvery white metal is called \_\_\_\_\_ (a) iron (b) gold (c) aluminium (d) steel
19. \_\_\_\_\_ is what we do to keep something in good condition. (a) maintenance (b) rusting (c) oiling (d) painting
20. \_\_\_\_\_ allows the driver to change the direction of the front wheel (a) the steering wheel (b) the clutch (c) the brake (d) the gear stick
21. The \_\_\_\_\_ pedal allows the driver to change the gear easily (a) clutch (b) brake (c) accelerator (d) gear

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22. The process by which the engine turns fuel into force is called \_\_\_\_\_  
(a) combustion (b) piston (c) acceleration (d) intake
23. \_\_\_\_\_ is connected to the crankshaft (a) piston (b) valves (c) engine (d) exhaust
24. The cylinder of a motor vehicle works in \_\_\_\_\_ different stages (a) 4 (b) 3 (c) 2 (d) 5
25. **COPY AND COMPLETE THE SENTENCES WITH THE APPROPRIATE ANSWER**  
[ triangle, circles, masking tape, protractor, ruler, clips, dividers]
- a. Lengths are measured with a \_\_\_\_\_
- b. A \_\_\_\_\_ is used for measuring angles.
- c. A compass is used to draw \_\_\_\_\_
- d. Drawing instruments with two sharp points at the end of each arm is called \_\_\_\_\_
- e. A set square is in the shape of a \_\_\_\_\_
- f. Paper is fixed to a drawing board using either \_\_\_\_\_ or \_\_\_\_\_
26. The ability to do all kind of work is referred to as \_\_\_\_\_ (a) energy (b) temperature (c) force (d) velocity
27. \_\_\_\_\_ energy coordinates movement (a) kinetic (b) heat (c) sound (d) potential
28. \_\_\_\_\_ energy is referred to as stored energy (a) potential (b) kinetic (c) sound (d) chemical
29. Energy contained within substances is termed \_\_\_\_\_ energy (a) chemical (b) heat (c) potential (d) kinetic
30. The scientific process by which energy is converted from one form to another is called energy \_\_\_\_\_ (a) conversion (b) protection (c) diversion (d) converted
31. The degree of hotness or coldness of the body is termed \_\_\_\_\_ (a) temperature (b) thermometer (c) heat (d) degree
32. Convert  $100^{\circ}\text{C}$  to Fahrenheit \_\_\_\_\_ (a)  $212^{\circ}\text{F}$  (b)  $105^{\circ}\text{F}$  (c)  $215^{\circ}\text{F}$  (d)  $175^{\circ}\text{F}$
33. Heat is measured in joules TRUE/FALSE
34. There are 3 ends to a magnet TRUE/FALSE
35. Like poles of magnets \_\_\_\_\_ while unlike poles \_\_\_\_\_