

St John Baptist De La Salle Catholic School, Addis
Ababa

Grade 9 General Science Entrance Examination

July, 2023

Name: _____ Roll Number: _____ Section: _____ Time Allowed: **30 minutes**

Multiple Choice Questions

- Which of the following is true about acidic oxides?
A. All acidic oxides are non-metallic oxides B. All acidic oxides are metallic oxides
C. Acidic oxides react with water to give bases D. Acidic oxides react with water to give acids
- The general formula that represents alkanes is
A. C_nH_{2n+1} B. C_nH_{2n+2} C. C_nH_{2n} D. C_nH_{2n-2}
- In the human body, where does the chemical digestion of food begin?
A. Mouth B. Stomach C. Large intestine D. Esophagus
- Which of the following is the use of the subcutaneous tissue underneath our skin?
A. It is a layer of fat that provides insulation of heat
B. It is a skin layer that helps maintain the shape of our bodies
C. It is a layer of skin outside of the epidermis
D. None of the above
- What is the function of arterial blood vessels?
A. They carry oxygenated blood from the heart to the other parts of the body
B. They carry de-oxygenated blood from the heart to the other parts of the body
C. They carry oxygenated blood from the cells of our bodies to the heart
D. They carry de-oxygenated blood from the cells of our bodies to the heart
- Which of the following bad habits causes COPD?
A. Excessive drinking B. Smoking C. Being lazy D. None of the above
- The types of organisms that produce their own food are called
A. Autotrophs B. Heterotrophs C. Semitrophs D. Thermotrophs
- What do the enzymes of the stomach, such as pepsin & renin, help digest?
A. Fats B. Carbohydrates C. Fiber D. Proteins

9. Which of the following is an organic compound?
A. C_2H_2 B. C_3H_8 C. C_4H_{10} D. CO_2
10. The path of the Moon around the Earth is one of the following geometrical objects. Which one is it?
A. Circle B. Ellipse C. Rectangle D. Parabola
11. Seasons such as summer and winter are caused due to one of the following reasons. Which of the following best explains it?
A. The tilt Earth has on its axis B. The large distance from the Sun
C. The proximity of the Moon D. The large temperature of the Sun
12. The difference in temperature of two bodies on the Kelvin scale is $100K$. What is the difference in temperature for the same two bodies when using the Fahrenheit scale?
A. $100^{\circ}F$ B. $50^{\circ}F$ C. $90^{\circ}F$ D. $180^{\circ}F$
13. A region of space where we can experience an electric force is called
A. Electric Field B. Magnetic Field C. Electric Charge D. Electric Current
14. Which of the following is not an imaging tool?
A. A phone B. The eyes C. Satellite dishes D. An arm
15. If we bring close the same poles of a magnet, what happens?
A. Nothing happens B. They attract
C. They repel D. They move in the same direction

Answer Sheet

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| 1._____ | 6._____ | 11._____ |
| 2._____ | 7._____ | 12._____ |
| 3._____ | 8._____ | 13._____ |
| 4._____ | 9._____ | 14._____ |
| 5._____ | 10._____ | 15._____ |