**JUNIOR BIOLOGY QUIZ QUESTIONS**

1. What do we call plant growth in response to touch or contact?

**ANS: THIGMOTROPISM**.

1. Mention one region in plants where growth hormones are found.

 **ANS: ROOT TIPS OR STEM TIPS**.

1. What do we call a stage in life when a person begins to develop sex cell?

**ANS: PUBERTY**.

1. What do we call a small cell formed during meiosis in a female?

**ANS: POLAR BODY**.

1. How often does meiosis occur in males from the beginning of puberty?

**ANS: ALL THE TIME**

1. What happens to the third polar body formed during meiosis in females?

**ANS: IT DIES**

1. What do we call the halved number of chromosomes in human reproduction?

**ANS: HAPLOID NUMBER**

1. Mention the general term used to refer to a disease in which body cells reproduce at an abnormally fast rate?

**ANS: CANCER**

1. What term is used to refer to a stem that grows along the ground or in air and forms a new plant at its tip?

**ANS: A RUNNER**

1. Which part of a plant grows first after a seed begins to germinate?

**ANS: ROOT**

1. What is the underground stem of an Irish potato called?

**ANS: TUBER**

1. Name the type of reproduction in which the parent separates into two or more pieces and each piece forms a nee organism.

**ANS: REGENERATION REPRODUCTION**

1. What type of reproduction does a planarian, which is a flat worm undergoes?

**ANS: REGENERATION**

1. What is the name given to the cycle in which a female will mate only at certain times?

**ANS: ESTROUS CYCLE**

1. How often are rats ready to mate?

**ANS: EVERY FIVE DAYS.**

1. What type of a skeleton does a grasshopper have?

**ANS: EXTERNAL SKELETON OR EXO-SKELETON**

1. What do the letters AIDS stand for?

**ANS: ACQUIRED IMMUNODEFICIENCY VIRUS**

1. What type of muscles makes up the heart?

**ANS: CARDIAC MUSCLE**

1. What term is used to describe a part of the skeleton where two bones meet?

**ANS: JOINT**

1. Name the tissue that connects a bone to a bone.

**ANS: LIGAMENT**

1. Name the type of joint found at the knee.

**ANS: HINGE JOINT**

1. A plant cell was placed in a more concentrated solution than its cytoplasm. This caused water to move outside the cell and the cell reduced in size. What do we call the movement of water?

**ANS: OSMOSIS**

1. What do we call a protein substance inside the cell that speeds up the chemical reactions?

**ANS: ENZYME**

1. What is the scientific name of a human being?

**ANS: HOMO SAPIEN**

1. When it is very cold, muscles of the human body contract and relaxes rapidly so that heat is produced. What do we call this process?

**ANS: SHIVERING**

1. Name the other product formed by tissue respiration apart from water and carbon dioxide.

**ANS: ENERGY**

1. What is the name of a protein produced by the body in response to an antigen?

**ANS: ANTIBODY**

1. What is the other name of a white blood cell?

**ANS: LYMPHOCYTES**

1. Name the type of immunity where an individual makes his or her own antibodies.

**ANS: ACTIVE IMMUNITY**

1. Name the type of immunity where an individual is given readymade antibodies.

**ANS: PASSIVE IMMUNITY**

1. What name is given to a chemical or cell which provokes the body’s immune system to make the appropriate antibodies?

**ANS: VACCINE**

1. What is the name of a parasite that causes malaria?

**ANS: PLASMODIUM**

1. What name is given to a bacterium that causes cholera?

**ANS: VIBRO CHOLOREA**

1. Name the vector that transmits cholera.

**ANS: HOUSEFLY**

1. What mineral elements strengthen the bones?

**ANS: CALCIUM AND PHOSPHORUS**

1. What name is given to the process by which air enters the lungs?

**ANS: INSPIRATION**

1. By what process does Oxygen enter the blood steam from the inside of the air sac In the blood Capillaries?

**ANS: DIFFUSION**

1. What is the test for Oxygen?

**ANS: IT RELIGHTS A GLOWING SPLINT**

1. What is the range of the normal breathing rate of an adult person?

**ANS: 8 TO 16 BREATHS PER MINUTE**

1. What name is given to the muscle of the heart?

**ANS: CARDIAC MUSCLE**

1. Name the blood vein in the human body that carries oxygenated blood.

**ANS: PULMONARY VEIN**

1. How is the state of the diaphragm during expiration?

**ANS: IT RELAXES**

1. Name any function of the nasal cavity in the upper respiratory track.

**ANS: WARMS THE AIR; MOISTENS THE AIR; FILTERS IMPURITIES FROM THE AIR**

1. What is the other name for the larynx in the respiratory track?

**ANS: VOICE BOX**

1. Which disease can be caused by overstimulation of the parasympathetic Nervous system causing constriction airways of the respiratory so that breathing becomes difficult?

**ANS: ASTHMA**

1. What is given to the node in the heat where electrical stimulus that leads to its contraction originates?

**ANS: SINOATRIAL NODE (SAN)**

1. What name is given to the tinniest blood vessels in the human body?

**ANS: CAPILLARIES**

1. Which system of the human body collects and recycles fluids from the blood stream?

**ANS: THE LYMPHATIC SYSTEM**