**JUNIOR BIOLOGY QUIZ**

1. What is the collective term for sepals in a flowering plant? ------------ ***Carlyx***
2. Name the opening on a bird’s body through which sperms and eggs leave the body. ---------- ***Cloaca***
3. In the menstrual cycle of a woman, when is fertilization most likely to occur? -------- ***Ovulation***
4. TRUE or FALSE: A carrot can be produced vegetatively. -------------------- ***FALSE***

What tern describes a specialized structure in which the main axis of the plant grows horizontally at just below the ground? --------------- ***Rhizome***

1. Semen containing sperms is carefully carried from one town to another and deposited into the reproductive system of a female cow. What is the technique called? -------------- ***Artificial insemination***
2. Apart from human beings, name another animal species that practice sexual intercourse for pleasure. ---------------------- ***porcupine***
3. What term describes a seed that is viable but fails to germinate? ----------------- ***Seed dormancy***
4. What term describes a mature ovule? ***-------------------- Seed***
5. A young goat is called ------------------------ ***A kid***
6. Name the immovable joints of the cranium. -------------------***- Sufures***
7. The hind limb and fore limb are both built on a basic pattern known as --------------- ***Pentadactyl pattern.***
8. Wind pollinated flowers are also known as -------------------------- ***Aneomophilous flowers***
9. What do we call the reproductive behaviour where fertilization and the development of the embryo takes inside the mother’s body? ---------------------------------- ***Vivipary***
10. State the process by which sperms are produced. ----------------- ***Spermatogenesis***
11. State the hormone that stimulates the growth of the lining of the uterus to form the endometrium. -------------------------- ***Progesterone***
12. Name the group of nitrifying bacteria that converts nitrites to nitrates. ------------- ***Nitrobacteria***
13. In Ecology, energy levels are also known as ------------------------ ***Trophic levels or Trophics***
14. Interlinked food chains form a --------- ***Food Web***
15. State the gaseous percentage of nitrogen in air. ***----------------------- 80%***
16. Which harmone helps a person in times of danger? ------------------ ***Adrenaline***
17. What is the other main function of an ear apart from hearing? ***---------------- Balance***
18. Mention the organs which form up the Central Nervous System. --------------- ***Spinal Cord and Brain***
19. Which part of the brain is responsible for muscle co-ordination? ---------------- ***The Cerebellum***
20. What do the letters A.D.H. stand for? ---------------------- ***Antidiuretic Hormone***
21. Name the disease which makes High levels of glucose to appear in the urine of a person? --------------------- ***Diabetes Mellitus***
22. What name is given to a bundle of fibres of various neurons? ***----------------- Nerve***
23. Name part of the Mid-Brain which assists the kidneys to maintain a good level of water in the human body. ------------------- ***Hypothalamu***
24. Name part of the brain responsible for thinking and judgement. ----------------- ***Cerebrum***
25. Apart from sensory and motor neurone, name another type of neurone? ------------ ***multi-polar neurone***
26. Stomata open and close in response to pressure within the cells called --------------------- ***Guard Cells.***
27. Name the reagent commonly used to test starch. ***-------------------- Iodine***
28. Why is water bath recommended when carrying out a test for starch in green leaves? ------------------ ***To avoid risk of fire.***
29. What named organelle in a plant cell contains a pigment that traps light energy used in photosynthesis? ------------------ ***Chloroplast***
30. Change of liquid to gas or vapour is known as -------------------------- ***Evaporation***
31. What do we call the process by which plant leaves lose water to the atmosphere through stamata? ------------------- ***Transpiration***
32. Name the tissue, in a plant, through which water ascend from root to leaf. ------------- ***Xylem***
33. What name is given to tiny hair like projections used to absorb water and minerals from the soil? --------------- ***Root hair***
34. What is the function of the root cap? ***----------------------------- Protects the fragile new cells of the root as it forces its way through the soil***
35. What do we call the point when photosynthesis is as rapid as respiration and carbohydrates are produced as fast as they are used? ***--------------- Compensation*** point
36. What is the opposite process of photosynthesis? ------------------------ ***Respiration***
37. Which force causes the water to stick to the walls of the xylem tube (Adhesion or Coesion)? ------------------------- ***Adhesion***

**END OF JUNIOR BIOLOGY QUIZ**