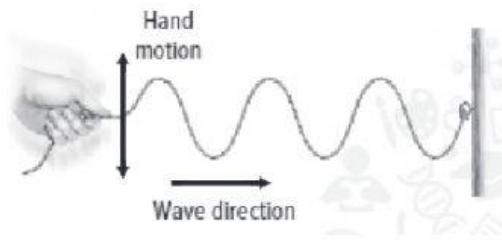


Al Erteqaa School, Cycle 2
Trimester 2- Science Revision
Grade 7- General

Total marks: 100. (Each question carries 5 marks)

1. On cold days, snakes usually lie very still and eat little or nothing, while birds usually move around and eat a lot of food. Which statement best explains this?
 - Both animals are cold-blooded, but without feathers to keep warm snakes get too cold to move.
 - Unlike birds, snakes are warm-blooded; they must hibernate during cold weather.
 - Unlike snakes, birds are cold-blooded; they are less affected by the cold than snakes
 - Unlike snakes, birds are warm-blooded; they must eat food to maintain a constant temperature.
2. What features do all insects have?
 - 2 legs and 4 body parts
 - 4 legs and 2 body parts
 - 6 legs and 3 body parts
 - 8 legs and 3 body parts
3. The figure above shows waves generated on a rope. Which type of waves are shown in the figure?
 - Combination
 - Electromagnetic
 - Longitudinal
 - Mechanic
4. Wood is opaque. Which describes how light waves can interact with wood?
 - absorption and reflection
 - diffraction and transmission
 - reflection and refraction
 - transmission and refraction
5. Which is true of invertebrates?
 - They have no backbones.
 - They have no muscle tissue.
 - They have no nervous tissue.
 - They have no skeletons
6. Which is NOT a typical chordate characteristic?
 - nerve cord
 - notochord
 - scales
 - tail



7. Which are the reproductive cells that form in female animals?

- A) Eggs
- B) Sperm
- C) Ovaries
- D) Testes

8. Which type of behavior is shown in the figure below?

- A) Aggression
- B) courtship
- C) migration
- D) submission

9. What is the length of time between fertilization and birth called?

- A) external development
- B) gestation period
- C) metamorphosis
- D) zygote

10. Which is true of external fertilization?

- A) It happens outside the female body.
- B) It involves a small number of eggs.
- C) It occurs only in the spring months.
- D) It requires extended parental care

11. Which is the result of fertilization?

- A) Egg
- B) Embryo
- C) Sperm
- D) Zygote

12. Which is NOT a product of cellular respiration?

- A) Energy
- B) Glucose
- C) Oxygen
- D) Water

13. Which is true of photosynthesis and cellular respiration?

- A) They both occur in plants.
- B) They both occur in animals.
- C) They both produce sugars.
- D) They both require sunlight.

14. What do angiosperms produce?

- A) Cones
- B) Flowers
- C) Needles
- D) Rhizoids



15. Which eye part responds to colored light?

- A) Cones
- B) cornea
- C) iris
- D) lens

16. Which property of a sound wave describes the amount of energy that passes through a square meter of space each second?

- A) Amplitude
- B) frequency
- C) intensity
- D) wavelength

17. Wave frequency is measured in

- A) decibels.
- B) hertz.
- C) meters.
- D) Seconds

18. Which of the following rays does this machine uses to scan your luggage at an airport?

- A) U V Rays
- B) X rays
- C) Gamma Rays
- D) Visible rays



19. Which form of communication includes pheromones?

- A) Chemicals
- B) Light
- C) body language
- D) facial expressions

20. Which of the following is NOT a learned behavior?

- A) Trial and error
- B) Conditioning
- C) Imprinting
- D) Migration

*****END OF EXAM*****