**FUTURE LEADERS FOUNDATION SCHOOL**

**END OF SECOND TERM EXAMINATION JULY 2021**

**SUBJECT: SCIENCE**

**CLASS: B 4**

NAME:…………………………………………………………………………….

*Answer* ***all*** *the questions in this section.*

*Each question is followed by* ***four*** *options lettered* ***A*** *to* ***D. Choose*** *and* ***shade*** *the correct answer*.

1. The body covering of these animals; crow, hawk eagle etc can be described as………..

(a)scales (b)fur (c)feathers (d)cuticles

2. Animals which can live in both water and on the land are called………..

(a)reptiles (b)amphibians (c)terrestrial (d)aquatic

3. Animals are classified according to the following factors**,except**?

(a)Body covering (b) Number of teeth

(c) Where it leaves (d) Number of legs

4. Which of the following animals has **eight (8)** legs?

(a)Cockroach (b) Beetle (c) Scorpion (d) Hamster

5. Which of the following life processes is **not** performed by all living things?

(a)Respiration (b)Transpiration

(c)Nutrition (d)Reproduction

6. All the following animals are insects, **except**?

 (a)Spider (b)Beetle (c)Silverfish (d)Bee

 7. All the following materials **cannot** rust except, **except**?

(a)Calculator (b)Iron (c)Aluminium (d)Pen

 8. The physical transformation of an insect from one stage of its life cycle to the other is known as…………

 (a)Foundation (b)Mating

(c)Metamorphosis (d)Growth

 9. The following materials are all metals, **except**?

 (a)Knife (b) Iron (c) Blade (d) Glass

10. One of the following foods is a vegetable.

(a) Orange (b) Pepper (c) Potato (d) Grape

 11. What is the colour of a pure water?

 (a) White (b) Cyan (c) Colourless (d) Blue

12. The snake and the lizard are a typical examples of…………….

(a) Reptiles (b) Herbivores

(c) Amphibians (d) Mammals

13. The instrument used to measure the temperature of a body is known as…………….

(a)Turban meter (b) Anemometer

(c) Helicopter (d) Thermometer

14. Which of the following group of animals does the tsetse fly belong?

(a) Insect (b) Bird (c) Reptile (d) Mammal

15. We must brush our teeth twice daily in order to prevent……………..

(a)tooth decay (b) tetanus (c) pellagra (d) ebola

16. Sir I.B. is suffering from the malarial disease. Which of the following animals do you think bit him?

(a) Tsetse fly (b) Butterfly (c) Mosquito (d) Lion

17. Of all animals, the group of insects have a percentage of about…………..

 (a) 69% (b) 84% (c) 74% (d)75%

18. I am a leaf, I am long, thick and green in colour. I have thorns at my edge, what leaf am I?

(a) Cassava (b) Pineapple (c) *Bryophylum* (d)Okro

19. Which of the following substances or foods is **very important** to humans and animals?

(a) Coca-Cola (b) Watermelon

(c) Water (d) Fufu and groundnut soup

 20. ………………. leads to the wearing away of the surface of the iron metal

(a) Corrugation (b) Coating

(c) Evaporation (d)Rusting

21. The taste of a pure water is………….

(a) sour (b) salty (c) tasteless (d) bitter

 22. The planet that can sustain life of living things is the……………..

(a) Saturn (b) Earth (c) Jupiter (d) Mars

23. Which of the following birds eat dead bodies?

(a) Eagle (b) Hawk (c) Crow (d) Vulture

 24. The scientist who discovered the rainbow colours is …………

(a) Sir Albert Einstein (b) Sir Isaac Newton

(c) Sir Lionel Messi (d) Sir Nikola Tesla

25. We take in a lot of water in order to prevent……………….

 (a) Respiration (b) Transpiration

(c) Dehydration (d) Excretion

26. An example of animals with no legs is the……………….

(a) Earthworm (b) centipede (c) ant (d) housefly

27. Which of the following birds can fly very high?

(a) Owl (b) Eagle (c) Ostrich (d) Parrot

28. Which of the following fruit contains a large amount of water?

(a) Cabbage (b) Lettuce (c) Watermelon (d) Ginger

29. Pepe was taken to the hospital on Tuesday, the doctor said he was normal looking at his body temperature. What do you think his body temperature was?

 (a) 45⁰C (b) 37⁰C (c) 29⁰C (d) 57⁰C

 30. Which of the following is a non-living thing?

 (a) *Spirogyra* (b) Housefly

 (c) Human being (d) Water

**SECTION B**

Answer any **four (4)** questions in this section.

1. (a) Give **four (4)** examples of reptiles.

(b) Mention any **four (4)** life processes of living things.

(c) Mention any **two (2)** foods that insects eat.

 2. (a) What is matter?

 (b) Mention the **three (3)** states of matter.

 (c) Give **two (2)** examples each under the

three states.

 3. (a) List any **four (4)** examples of metals.

 (b)Give **two (2)** differences between metals

and non-metals.

 (c) What is a metal?

 4. (a) State any **five (5)** differences between

living and non-living things.

 (b) State the **five (5)** sense organs of

humans.

 5. (a) Mention the **eight (8)** planets.

 (b) The sun is a natural satellite.

**True / False**

 (c) The moon is the natural satellite of the

planet……………

 6. (a) Mention any **five (5)** examples of fruits.

 (b) Mention any **five (5)** examples of

vegetables.

**FUTURE LEADERS FOUNDATION SCHOOL**

**END OF SECOND TERM EXAMINATION JULY 2021**

**SUBJECT: SCIENCE**

**CLASS: B 5**

NAME:…………………………………………………………………………….

Answer **all** the questions in this section.

 *Each question is followed by* ***four*** *options lettered* ***A*** *to* ***D. Choose*** *and* ***shade*** *the correct answer*.

 1. Birds have a complex network of……………..that pump a constant stream of air through the lungs.

(a) heart (b) eyes (c) intestines (d) air sacs

 2. Roots of plants push down through the soil due to the effect of……………

 (a) gravity(b) sunlight (c) temperature (d) water

3. Which of the following senses is the **most important** in birds?

 (a) Hearing (b) Sight (c) Taste (d) Smell

4. Which of the following is **not** a metal?

 (a) Mercury (b) Iron (c) Mammals (d) Reptiles

 5. Which of the following group of animals have the Jacobson’s organ in the roof of their mouths.

(a) Leopards (b) Birds (c) Mammals (d) Reptiles

6. We take in water frequently in order to **prevent**……………….

(a) dehydration (b) transpiration

(c) evaporation (d) excretion

 7. The scientist who discovered the colours of the rainbow is called…………….

(a) Sir J. J. Thompson (b) Sir Nikola Tesla

(c) Sir Niels Bohr (d) Sir Isaac Newton

8. Snakes usually flicks out their tongue in order to detect the presence of…………..around them.

(a) air(b) chemicals (c) water (d) vibrations

9. Which of the following organisms is **not** a reptile?

(a) Newt (b) Snake (c) Lizard (d) Alligator

 10. Which of the following organs is so **small** in most species of birds?

(a) Jacobson’s organ (b) Olfactory organ

(c) Ear (d) Nose

11. Which of the following life processes is **not** exhibited by all living organisms?

(a) Transpiration (b) Nutrition

(c) Respiration (d) Reproduction

12. The ears of birds are located slightly behind and below their eyes, and they are covered with soft feathers for……………..

(a) protection (b) hearing (c) fighting (d) flight

13. A property of metals is that, they are…………..

(a) lustrous (b) soft

(c) breakable (d) having low densities

14. Which of the following metals rust?

(a) Iron (b) sodium (c) Steel (d) Carbon

15. Photosynthesis occurs as a result of the presence of……………

(a) sunlight (b) temperature (c) drought (d) rainfall

16. Which of the following organisms is a nocturnal?

(a) Owl (b) Spirogyra (c) Lizard (d) Python

17. Plants undergo photosynthesis in order to……………. (a) manufacture their own food (b) protect themselves (c) grow well (d) become hard

18. Newt is an example of which class of animals?

(a) Amphibians (b) Birds (c) Reptiles (d) Insects

19. Amphibians are organisms that……………

(a) live on land (b) live on mountains

 (c) live in water (d) live on both land and in the water

20. Which of the following organisms is **mainly** terrestrial?

(a) Hamster (b) Shark (c) Alligator (d) Whale

21. Vertebrates are organisms that have………………….

(a) four legs (b) back bone (c) teeth (d) tail

22. Animals that regulate their body temperatures internally are called………………..

(a) Mammals (b) Reptiles (c) Amphibians (d) Aquatic

23. The planet that sustains life of organisms is the………………..

(a) Venus (b) Saturn () Jupiter (d) Earth

24. When Phabio was taken to the hospital, the doctor said he was fine. What is his body temperature?

(a) 37⁰C (b) 48⁰C (c) 27⁰C (d) 30⁰C

25. The length of a rectangle is 6cm and breadth 9cm. Calculate the area of the rectangle?

(a) $64cm^{2}$ (b) 54cm (c) $44cm^{2}$ (d) $54cm^{2}$

26. The area of a certain square is$225cm^{2}$. What is the length of each side of the square?

(a) 25cm (b) 5cm (c) 15cm (d) 30cm

27. The three sides of a square has got 9cm as their length. What is the length of the second side?

 (a) 3cm (b) $81cm^{2}$(c) 9cm (d) 18cm

28. Insects breathe through a small paired holes called……………….

(a) trachea(b) bronchus (c) air sacs (d) spiracles

29. The part of the flower that contain the ovules is the?

(a) Plumule (b) Ovary (c) Radicle (d) Seed

30. The tracheae and the tracheoles deliver oxygen to the air sacs and carry away…………………

(a) carbon dioxide (b) nitrogen

(c) faeces (d) hydrogen

*SECTION B*

Answer any **four (4)** questions from this section

 1. (a) What is ***phototropism?***

(b) Name **three (3)*agents of pollination***.

(c) Give **five (5)** differences between ***wind pollinated*** and ***insect pollinated*** flowers.

Q2(a) What is ***pollination?***

(b) Name the **five (5)** sense organs of humans and state their uses.

(c) Which plant is referred to as the ***sensitive plant?***

(d) What is a ***metal?***

Q3(a) Classify the following under living things and non-living things.

**Metal, insect, rock, paper, bird and soil**

(b) State any **two (2)** properties of metals.

 (c) State **two (2)** examples of wind pollinated flowers.

Q4(a) Differentiate between inhalation and exhalation of air.

(b) Why does the mimosa plant folds up when touched by other organisms?

(c) Give **three (3)** examples each of metals and

non-metals.

Q5(a) The sound system used by bats to find their way out in the dark is termed as…………..

(b) Name the instruments used in measuring the following,

(i) Temperature

(ii) Time

 (iii) Length

(iv) Width

(c) (i) Use your ruler to measure the lengths of the figure below

(ii) What figure is it?

(iii) Calculate the area of the figure?

Q6(a) State any **four (4)** uses of flowers.

(b) Mention the states of matter we have, and give **two**

**(2)**examples each.

**FUTURE LEADERS FOUNDATION SCHOOL**

**END OF SECOND TERM EXAMINATION JULY 2021**

**SUBJECT: SCIENCE**

**CLASS: B 6**

NAME:…………………………………………………………………………….

Answer **all** the questions in this section.

Each question is followed by **four** options lettered **A** to **D.**

**Choose** and **shade** the correct answer.

1. Which of the following is **not** a unit for measuring temperature?

(a) Fahrenheit (b) Kelvin (c) Celsius (d) Volts

2. The **best method** for preserving maize is by………………….

(a) poaching (b) canning (c) drying (c) freezing

3. In the composition of air, oxygen is………………….

(a) 12%(b) 78% (c) 21.0% (d) 0.1%

4. An example of a conductor is…………………..

(a) nail (b) oxygen (c) dry wood (d) plastic

5. The part of the flower that contain the ovules is called?

 (a) Plumule (b) Ovary (c) Radicle (d) Seed

6. The female mosquito that carries the malarial parasite is called…………….

 (a) ***aedes*** (b) ***culex***

(c) ***plasmodium*** (d) ***anopheles***

7. Causes of flooding does **not** include.

(a) Hurricanes (b) Famine

(c) Excessive rainfall (d) Tsunami

8. One of the properties of liquids is that?

(a) It cannot be seen (b) It has a fixed shape

(c) It takes the shape of its container (d) It is weightless

9. Sources of food poisoning does **not** include……………….

(a) rusting(b) cleanliness (c) dirt (d) chemicals

10. The anther and the filament are collectively called……………

(a) stamen(b) pistil (c) pomes (d) receptacle

11. The pollen grains are found on the………………

(a) stigma (b) anther (c) style (d) sepal

12. Which of the following metals has a lustrous property?

(a) Gold (b) Medal (c) Carbon (d) Copper

13. The body of automobiles are made with metals like………………..

(a) copper and zinc (b) silver and platinum

(c) steel and iron (d) iron and cobalt

14. Which of the following plants have a fibrous root system?

(a) Corn (b) Dandelion (c) Beetroot (d) Turnip

15. A plant with two seed leaf is called……………..

(a) unisexual (b) monocot (c) bisexual (d) dicot

16. Which of the following organisms **is** an ***insect***?

(a) Spider (b) Silverfish (c) Newt (d) Hamster

17. Which of the following organisms **is** a ***mammal***?

(a) Bat (b) Lizard (c) Salamander (d) ***Spirogyra***

18. Which of the following metals is a liquid at room temperature?

(a) Mercury (b) Silicon (c) Iron (d) Lead

19. The length of the three sides of a square is **6cm** each. Calculate the length of the fourth side.

(a) 24cm (b) 18cm (c) 6cm (d) 36cm

20. Which of the following instruments can be used to measure distance?

(a) Tape measure (b) Weighing scale

(c) Thermometer (d) Barometer

21. Which of the following materials **is/are** tools?

**I Book II Eraser III SharpenerIV Protractor**

 (a) II only (b) IV only (c) III and IV (d) III only

22. The property of metal that makes it possible to be drawn into thin sheets is termed as……………….

(a) Lustrous (b) Malleability

(c) Ductility (d) Flexibility

23. The part of the plant that develops into the **shoot** system is called…………..

(a) micropyle (b) radicle (c) plumule (d) testa

24. The type of force that makes it possible to walk without falling or slipping is called?

(a) Gravitational force (b) Surface tension

(c) Centripetal force (d) Frictional force

25. Which of the following metals **is/are** used in security systems?

**I Mercury II Iron III Steel IV Platinum**

 (a) I and IV (b) II only (c) III only (d) II and III

26. We clean our teeth twice daily in order to ***prevent***………………..

(a) ebola (b) Pellagra

(c) tooth decay (d) gum bleeding

27. The normal body temperature of a healthy person is?

(a) 470C (b) 350C (c) 370C (d) 1000C

28. Which of the following parts of an insect is **very** sensitive?

 (a) Antenna (b) Ears (c) Eyes (d) Abdomen

29. The hotness and coldness of a body can be measured with……………..

(a) Temperature (b) Barometer

(c) Novameter (d) Thermometer

30. The area and length of a rectangular figure respectively are 60cm2 and 12cm. What is the breadth of the figure?

(a) 5cm (b) 0.5cm2(c) 5cm2 (d) 500cm

**SECTION B**

**Answer any four (4) questions in this section.**

1. (a) What is ***pollination***?

 (b) Name the states of matter we have, and give **two (2)** examples each.

 (c) Mention any **two (2)** uses of silver.

2. (a) Explain the term ***agents of pollination***?

 (b) State **four (4)** agents of pollination.

 (c) Give **three (3)** differences between tap roots and fibrous roots.

 (d) Give **three (3)** examples each of plants that have tap roots and fibrous roots system.

3. (a) What is a ***metal***?

 (b) State **three (3)** differences between metals and non-metals.

 (c) Give **three (3)** examples each of metals and non-metals.

 (d) Name the **two (2)** types of pollination.

4. (a) The area of a rectangle is **100cm2**, and it has a length of **20cm**.

i) Calculate the breadth of the rectangle?

 ii) Name **one (1)** instrument that can be used to measure the volume of the rectangle?

 (b) Group the following organisms under; **Birds, Insects, Amphibians, Reptiles and Mammals**.

 Silverfish, bat, goat, snake, lizard, newt, ostrich, falcon, frog, chimpanzee, kiwi and beetle

5. (a) List **four (4)** items found in the first aid box?

 (b) Name **three (3)** tools in the mathematical set?

 (c) Give **three (3)** examples of tools used in farming?

 (d) What is a ***flower***?

6. (a) List the colours of the rainbow

 (b) Identify the primary colours from the rainbow colours.

 (c) State any **six (6)** life processes of living things.

 (d) State any **two (2)**uses of copper