

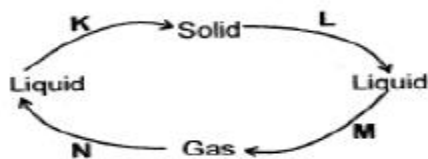
STANDARD EIGHT

END TERM 1 EXAM 2018

SCIENCE

1. Which one of the following methods of food preservation renders the bacteria inactive and not dead?
- Drying
 - Salting
 - Smoking
 - Use of low temperature

2. The diagram below shows change of state in matter



Which letter represents the process of melting?

- K
 - L
 - M
 - N
3. The movement of heat through liquids such as water takes place by
- Conduction
 - Radiation only
 - Convection only
 - Radiation and convection
4. Which one of the following materials is Non-magnetic?
- Iron rod
 - Aluminium foil
 - Cobalt strip
 - Nickel coin
5. External livestock parasites can be controlled through the following ways EXCEPT?
- Deworming
 - Spraying
 - Dipping
 - Rotational grazing

6. Which one of the following pairs **DOES NOT** constitute the living parts of the environment?

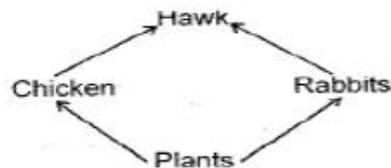
- Animals and Soil
- Plants and Water
- Light and Air
- Sound and Plants

7. Gully erosion can be **BEST** controlled by;
- Making terraces
 - Mulching
 - Digging trenches
 - Constructing porous dams

8. Which one of the following is **NOT** an effect of water pollution on animal and plant life?

- Leading to soil infertility.
- Leading to infection on animals.
- Destruction of aquatic plants.
- Blockage of root hairs.

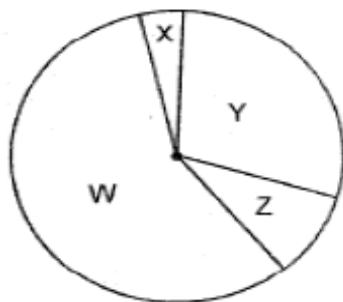
9. The diagram below represents a food chain.



Which one of the following plants will belong to the same group as the Leopard?

- Hawk
 - Chicken
 - Rabbit
 - Plants
10. Which one of the following crops is **NOT** attacked by stalk borers?
- Maize
 - Beans.
 - Sugarcane
 - Sorghum
11. The following are characteristics of insect pollinated flowers. Which one is **NOT**?
- Large coloured petals.
 - Brightly coloured sepals.
 - Nectary at the base of the flower.
 - Heavy and sticky pollen grains.

12. Internal livestock parasites can **MAINLY** be controlled by;
- Rotational grazing
 - Spraying
 - Drenching
 - Dipping
13. Which one of the following is **NOT** a product obtained from goats?
- Mohair
 - Dairy milk
 - Mutton
 - Hide
14. The pie chart below shows the approximate composition of air.



Which part represents the part of the air required for germination to take place?

- W
 - X
 - Y
 - Z
15. The method of grazing where animals are fed on fodder and commercial feeds within a permanent enclosure is referred to as?
- Herding
 - Paddock
 - Stall feeding
 - Tethering
16. Which one of the following contribute greatly to the growth, repair and maintenance of body tissue in livestock?
- Wheat germ
 - Lucern
 - Maize bran
 - Salt

17. Which one of the following blood components protects the body against diseases?
- Red blood cells
 - Plasma
 - White blood cells
 - Platelets
18. The sharp pointed tooth found on human beings can be used for
- Holding and tearing
 - Biting and chewing
 - Crushing and grinding
 - Cutting and piercing

19. Standard four pupils immersed two bottle tops, one crushed and the other normal into a glass of water. The observation made is similar as shown in the illustration below.



What factor were the children **LIKELY** to investigate?

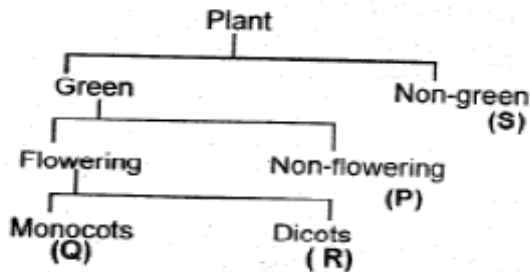
- Shape
 - Size
 - Weight
 - Material
20. Which one of the following is **NOT** a function of the leaves of a plant?
- Storing food in some plant.
 - Transporting water and mineral salts.
 - Transpiration
 - Photosynthesis

21. Taking drugs for reasons **NOT** meant for disease treatment is known as?
- Drug abuse
 - Drug addiction
 - Vaccination
 - Drug misuse

22. Which one of the following diseases is usually immunised at the age of nine months?
- Measles
 - Polio
 - Tetanus
 - Whooping cough
23. Which one of the following drug can lead to increased appetite?
- Khat
 - Tobacco
 - Bhang
 - Cocaine
24. The type of manure made by cutting growing crops into pieces and then ploughing them into the soil in a farm is?
- Compost manure
 - Green manure
 - Farm yard manure
 - Organic manure
25. Birds are not different from mammals since both of them
- Breathe by means of gills
 - Are cold blooded
 - Are warm blooded
 - Cannot feed their young ones on milk.
26. The following are characteristics of all animals EXCEPT one, which one?
- Feeding
 - Removing waste
 - Making food
 - Reacting to changes in the surrounding
27. The following are signs and symptoms of a water borne disease.
- Blood in the urine and stool.
 - Skin rashes
 - Severe itching of the bowels and bladder.
- The above are signs and symptoms of?
- Bilharzia
 - Cholera
 - Typhoid
 - Dysentery
28. The jar used for measuring rainfall should be
- long and wide
 - short and narrow
 - short and wide
 - long and narrow
29. The following are characteristics of a certain vertebrate.
- Give birth to young ones
 - Live in water
 - Are warm blooded
- The animal is LIKELY to be?
- Amphibians
 - Fish
 - Duck-billed platypus
 - Whale
30. Farmers are usually advised to carry out mulching MAINLY to?
- Prevent soil erosion
 - Conserve moisture
 - Eradicate weeds
 - Make the soil fertile
31. As the teacher asked his pupils to observe the sky, they saw clouds with the following characteristics;
- Thick and white
 - Feathery
 - Flat bases
- The type of clouds the pupils observed are also LIKELY?
- To bring rain
 - To occur low in the sky
 - To be seen on fine weather
 - To bring thunderstorms
32. The BEST way to control weeds is by
- hand picking
 - digging them out
 - uprooting
 - using chemicals

33. Which one of the following is **NOT** the use of water in industries?
- Spraying crops
 - Cooling moving parts of machines
 - Removing unwanted products
 - Mixing with other substances to make products.

34. The table below shows classification of plants. Use it to answer questions 34

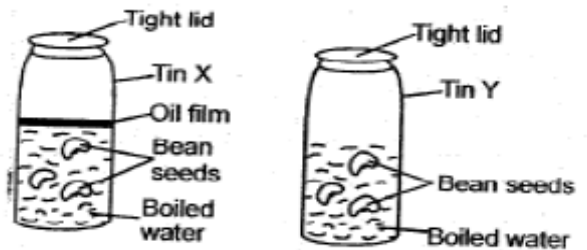


Which of the following shows **CORRECT** examples of each of the above groups accordingly.

Q	R	P	S
A. Beans	Maize	Fern	Lichen
B. Maize	Peas	Algae	Mushroom
C. Sorghum	Groundnuts	Mould	Toadstool
D. Rice	Maize	Moss	Puffballs

35. Empty medicine containers should be;
- Thrown away
 - Re-used at home
 - Buried in the soil
 - Locked up in the cupboard
36. One of the following types of erosion is a form of landslide which one?
- Sheet erosion
 - Rill erosion
 - Gulley erosion
 - Spill erosion

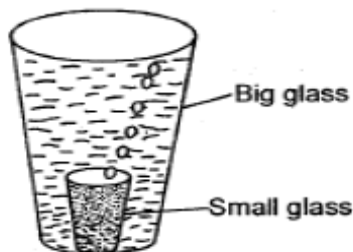
37. Standard six pupils of Umuja Academy were carrying out an experiment where they set up their apparatus as shown below.



In the pupils were testing for the presence of air as requirement for germination, what mistake did they make?

- Covering both tins with tight lid.
 - Boiling the water
 - Having fewer seeds in tin Y
 - Putting an oil film on water
38. Which of the following stages of HIV and AIDS infection will the victim test positive but with no visible signs.
- Window
 - Symptomatic
 - Full blown
 - Incubation
39. Materials which allow light to pass through them but one cannot see through them are said to be;
- Opaque
 - Translucent
 - Transparent
 - Reflectors
40. The process of providing the body with food necessary for maintenance of good health is called
- feeding
 - balanced diet
 - nutrition
 - body building

41. Which one of the following is both a field and a storage pest?
- Aphids
 - Cutworm
 - Weevils
 - Stalk borer
42. Which one of the following components of the environment occupies the **LARGEST** part of the earth's surface?
- Water
 - Air
 - Soil
 - Plants
43. Using water sparingly as a way of conserving water will involve doing all the following **EXCEPT**
- Using used water again.
 - Turning off taps after use.
 - Practising drip irrigation method.
 - Fixing leakages in taps and pipes.
44. Study the experiment shown below

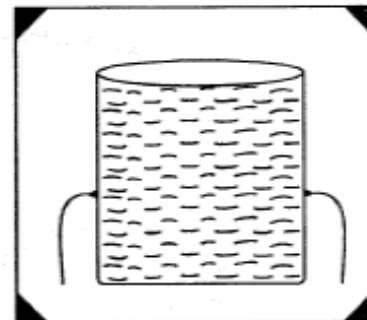


The experiment was **LIKELY** set to show the presence of

- water in Air
- air in the soil
- water in the soil
- air in water

45. Which one of the following can mix well and form one uniform solution?
- Paraffin and water
 - Water and spirit
 - Milk and paraffin
 - Water and cooking oil

46. Which one of the following is the **BEST** medium for sound transmission
- Air
 - Liquid
 - Vacuum
 - Wood
47. The unit for measuring force is
- Newton
 - Kilograms
 - Grams
 - Joules
48. The experiment drawn below can be used by learners to understand that;



- Liquids exert pressure to all directions.
 - Liquids exert more pressure with depth
 - Pressure in liquids is equal at its same depth.
 - Liquids take the shape of the container
49. An animal attacked by with parasites is **NOT** likely to show one of the following signs. Which one?
- Rise in body temperature.
 - Loss of appetite
 - Rough hair
 - Chewing the cud

- 50.** Which one of the following statements **BEST** explains the term cross pollination?
- A. The transfer of pollen grains from the anthers to the stigma of another flower.
 - B. The fusion of pollen and ovule nucleus.
 - C. The transfer of pollen grains from the male anthers to the female stigma of another flower of the same type on the same plant.
 - D. The transfer of pollen grains from the anthers to the stigma of another flower on another plant of the same kind.