**1STEVALUATION EXAM - 2020**

**CODE:0012020 SCIENCE STD 8 TIME: 2 HOURS**

1. Which one of the following methods of food preservation renders the bacteria inactive and not dead?
2. Drying
3. Salting
4. Smoking
5. Use of low temperature
6. The diagram below shows change of state in matter.



Which letter represents the process of melting?

1. K B. L C. M D. N
2. The movement of heat through liquids such as water takes place by
3. Conduction
4. Radiation only
5. Convection only
6. Radiation and convection
7. Which one of the following materials in non magnetic?
8. Iron rod
9. Aluminium foil
10. Cobalt strip
11. Nickel coin
12. External livestock parasites can be controlled through the following ways **EXCEPT**?
13. Deworming
14. Spraying
15. Dipping
16. Rotational grazing
17. Which one of the following pairs DOES NOT constitute the living parts of the environment?
18. Animals and soil
19. Plants and water
20. Light and air
21. Sound and plants
22. Gulley erosion can be BEST controlled by:-
23. Making terraces
24. Mulching
25. Digging trenches
26. Constructing porous dams
27. Which one of the following is NOT an effect of water pollution on animal and plant life?
28. Leading to soil infertility
29. Leading to infection on animals
30. Destruction of aquatic plants
31. Blockage of root hairs
32. Use the following diagram to answer the following

K

M

N

Which one of the following statement is **TRUE** about plant **K**?

1. Is the brightest planet
2. Is far away from the sun than L
3. Has the largest orbit than N
4. Takes the shortest time to go round the sun than N
5. Which one of the following crops is NOT attacked by stalk borers?
6. Maize
7. Beans
8. Sugarcane
9. sorghum
10. The following are characteristics of insect pollinated flowers. Which one is NOT?
11. Large coloured petals
12. Brightly coloured sepals
13. Nectar at the base of the flower
14. Heavy and sticky pollen grains
15. The **main** function of the c-shaped rings in the trachea is to.
16. Clean the air
17. Allow Passover of saliva
18. Allow exchange of gases
19. Keep it wide
20. Pupils carried out an activity as shown below.



The method of water conservation practiced was

1. Recycling water
2. Using water sparingly
3. Re-using water
4. Mulching
5. Which one of the following lists consists of vertebrates with similar characteristics?
6. Ticks, spider, mites
7. Crocodile, snake, tortoise
8. Frog, toad, lizard
9. Dolphin, shark, tilapia
10. Which one of the following is NOT a sign of unhealthy crops?
11. Reduced quality produce
12. Stunted growth
13. Spots and streaks
14. Discoloration of plant parts
15. Which of the following is HIV/AIDs likely to be transmitted by?
16. Blood transfusion
17. Sharing sterilized sharp cutting tools
18. Sharing tooth brush
19. Shaved by an infected person
20. Which one of the following statements is NOT true about the blood vessels that carry blood away from the heart?
21. Have valves
22. Have thick walls
23. Have pulse rate
24. Carry blood under high pressure
25. The following statements are true about energy. Which one is NOT?
26. It causes motion
27. It can be conserved
28. It can changed from one state to another
29. It is the ability to do work
30. In a certain investigation, pupils shone a s torch behind different object one at a time. The aspect being investigated was \_\_\_\_.
31. Source of light
32. Uses of light
33. How light travels
34. Passage of light through materials
35. Which of the following pair of materials can be separated by sieving?
36. Wheat flour and husks
37. Water and cooking oil
38. Maize and chaff
39. Rice and small stones
40. Which one of the following diseases is usually immunized at the age of nine moths?
41. Measles
42. Polio
43. Tetanus
44. Whooping cough
45. Which one of the following drugs can lead to increased appetite?
46. Khat
47. Tobacco
48. Bhang
49. Coccoine
50. The type of manure made by cutting growing crops into pieces and then ploughing them into the soil in a farm is?
51. Compost manure
52. Green manure
53. Farm yard manure
54. Organic manure
55. Birds are not different from mammals since both of them
56. Breath by means of grills
57. Are cold blooded
58. Are warm blooded
59. Cannot feed their young ones on milk
60. The following are characteristics of all animals **EXCEPT** one, which one?
61. Feeding
62. Removing waste
63. Making food
64. Reacting to changed in the surrounding
65. The following are signs and symptoms of a water borne disease.
66. Blood in the urine and stool
67. Skin rashes
68. Severe itching of the bowels and bladder

The above are signs and symptoms of

1. Typhoid
2. Malaria
3. Dysentery
4. Bilharzias
5. The jar used for measuring rainfall should be \_\_\_\_.
6. Long and wide
7. Short and narrow
8. Short and wide
9. Long and narrow
10. The following are characteristics of a certain vertebrate.
11. Give birth to young one
12. Live in water
13. Are warm blooded

The animal is **LIKELY** to be?

1. Amphibians
2. Fish
3. Duck – billed platypus
4. Whale
5. Farmers are usually advised to carry out mulching **MAINLY** to?
6. Prevent soil erosion
7. Conserve moisture
8. Eradicate weeds
9. Make the soil fertile
10. As the teacher asked his pupils to observe the sky, they saw clouds with the following characteristics;
11. Thick and white
12. Feathery
13. Flat based

The type of clouds the pupils observed are also **LIKELY**?

1. To bring rain
2. To occur low in the sky
3. To be seen on fine weather
4. To bring thunderstorms
5. The BEST way to control weeds is by \_\_\_\_.
6. Hand picking
7. Digging them out
8. Uprooting
9. Using chemical
10. Which one of the following is NOT the use of water in industries?
11. Spraying crops
12. Cooling moving parts of machines
13. Removing unwanted products
14. Mixing with other substances to make products
15. 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**

1. Beans maize fern lichen
2. Maize peas algae mushroom
3. Sorghum groundnuts mould toadstool
4. Rice maize moss puffballs
5. Empty medicine containers should be;
6. Thrown away
7. Re-used at home
8. Buried in the soil
9. Locked up in the cupboard
10. One of the following types of erosion is a form of landslide which one?
11. Sheet erosion
12. Rill erosion
13. Gulley erosion
14. Splash erosion
15. Std six pupils of Umoja 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?

1. Covering both tins with tight lid
2. Boiling the water
3. Having fewer seeds in tin Y
4. Putting an oil film on water
5. Which of the following stages of HIV and AIDs infection will he victim test positive but with no visible signs?
6. Window
7. Symptomatic
8. Full blown
9. Incubation
10. Materials which allow light to pass through them but one cannot see through them are said to be;
11. Opaque
12. Translucent
13. Transparent
14. Reflectors
15. The process of providing the body with food necessary for maintenance of good health is called
16. Feeding
17. Balanced diet
18. Nutrition
19. Body building
20. Which one of the following is both a field and a storage pest?
21. Aphids
22. Cutworms
23. Weevils
24. Stalk borer
25. Which one of he following components of the environment occupies the **LARGEST** part of the earth’s surface?
26. Water
27. Air
28. Soil
29. plants
30. Using water sparingly as a way of conserving water will involve doing all the following **EXCEPT**
31. Using used water again
32. Turning off taps after use
33. Practicing drip irrigation method
34. Fixing leakages in taps and pipes
35. Study the experiment shown below.



The experiment was **LIKELY** set to show the presence of \_\_\_\_.

1. Water in air
2. Air in the soil
3. Water in the soil
4. Air in the water
5. Which one of the following can mix well and form one uniform solution?
6. Paraffin and water
7. Water and spirit
8. Milk and paraffin
9. Water and cooking oil
10. Which one of the following is the BEST medium for sound transmission?
11. Air
12. Liquid
13. Vacuum
14. Wood
15. The unit for measuring force is
16. Newton
17. Kilograms
18. Grams
19. Joules
20. The experiment drawn below can be used by learners to understand that;



1. Liquid exert pressure to all directions
2. Liquids exert more pressure with depth
3. Pressure in liquids is equal at its same depth
4. Liquids take the shape of the container
5. An animal attacked by with parasites is **NOT** likely to show one of the following signs. Which one?
6. Rise in body temperature
7. Loss of appetite
8. Rough hair
9. Chewing the cud
10. Which one of the following statements **BEST** explains the term cross pollination?
11. The transfer of pollen grains from the anthers to the stigma of another flower
12. The fusion of pollen and ovule nucleus
13. The transfer of pollen grains from the male anthers to the female stigma of another flower of the same type on the same plant
14. The transfer of pollen grains from the anthers on another plant of the same kind
15. Which one of the following sound enables people to rush and help other people?
16. Screaming B. ambulance siren

C. car hooting D. dog barking