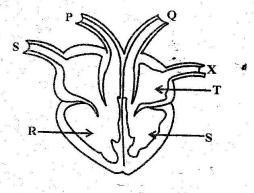
## **CLASS 8 MID TERM 2 OCTOBER 2020**

## **SCIENCE**

- 1. In which of the following ways is water used for recreation?
  - A. Making fountains
  - B. Mixing chemicals
  - C. Sport fishing
  - D. Bathing.
- The diagram below represents the circulatory system



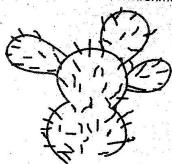
Which pair of blood vessels carries oxygenated blood?

- A. X and P
- B. R and P
- C. S and Q
- D. Q and X
- 3. Plants depends one each other for the following ways except?
  - A. Support
- B. Shade
- C. Shelter
- D. Habitat
- 4. Below are signs of a certain Sexually Transmitted Infection
  - (i) Pain when passing out urine
  - (ii) Swelling of the testicles
  - iii) Yellowish discharge from the penis

Which Sexually Transmitted Infection has the above signs?

- A. Syphilis
- B. Gonorrhoea
- C. Chancroid
- D. HIV/AIDS
- 5. Which one of the following is the second stage in the birth process?
  - A. Contraction of the uterine walls
  - B. Dilation of the cervix
  - C. Expulsion of the baby
  - D. Breaking of the amnion sac

- The main reason for spreading murram on roads is to:-
  - A. make the road last longer
  - B. increase friction between the tyre and the road
  - C. reduce friction between the tyre and the road
  - D. prevent the cars from getting stuck
- 7. Which component of blood prevent loss of blood after an injury?
  - A. White blood cells
  - B. Red cells
  - C. Plasma
  - D. Platelets
- A wind pollinated flower will:-
  - A. have large petals
  - B. have small anthers
  - C. produce fewer sticky pollen grains
  - D. produce light pollen grains
- 9. Which among the following plant pests cut the stems of seedlings?
  - A. Stalkborers
  - B. Cutworms
  - C. Aphids
  - D. Weevils
- The diagram below shows a type of plant adapted to a certain environment



The plant is adapted from loosing water by:-

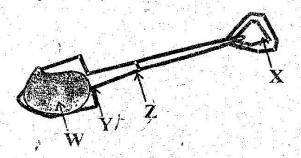
- A. having deep wide spread roots
- B. having flexible stems
- C. have thorns instead of leaves
- D. having thin waxy cuticle

 $Compiled \& \ distributed \ by \ Schools \ Net \ Kenya, \ P.O. \ Box \ 15509-00503, \ Nairobi \ | \ Tel: +254202319748$ 

E-mail: infosnkenya@gmail.com | ORDER ANSWERS ONLINE at www.schoolsnetkenya.com

- 11. A weaver bird and a newt are common in that both:-
  - A. have varying body temperatures
  - B. have scales
  - C. lay fertilized eggs
  - D. breath by lungs\*
- 12. Mechanical breakdown of foods takes place in the :-
  - A. stomach
  - B. small intestine
  - C. mouth
  - D. large intestines
- 13. Which one of the following drugs is illegal when abused?
  - A. Tobacco
  - B. Alcohol
  - C. Cobbler's glue
  - D. Miraa
- 14. Which one of the following activities is least friction needed?
  - A. Flying and hopping
  - B. Swimming and flying
  - C. Skiing and skating
  - D. Walking and braking
- 15. Clouds that indicate fine weather also :-
  - A.appear high in the sky
  - B. appear low in the sky
  - C. are dark grey in colour
  - D. spread across in the sky
- 16. The type of soil with the best drainage also :-
  - A. has smallest air spaces
  - B. cracks when dry
  - C, is best for modeling
  - D has rough texture
- 17. When constructing the model of the solar system all the following are needed except?
  - A Clay
  - B. Manila paper
  - C. Pins
  - D. Cotton wool

18. The diagram below shows a certain tool in use



Which position represents the fulcrum when in use?

A.Y

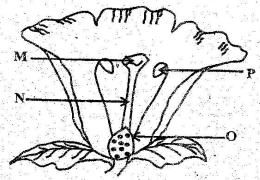
B. W

C. X

- D.Z
- 19. Sweat in human beings is produced and stored in the :-
  - A. dermis
  - B. epidermis
  - C. sweat duct
  - D. sweat gland
- 20. Which of the following is the best method to control both liver flukes and ticks?
  - A. Dipping
  - B. Deworming
  - C. Spraying
  - D. Rotational grazing
- 21. When breathing out
  - A the ribs move upwards and outwards
  - B. the volume of the chest decreases
  - C. the lungs expand
  - D. the diaphragm move down
- 22. When a pencil is put in water, it appear bent due to :-
  - A. reflection of light
  - B. dispersion of light
  - C. refraction of light
  - D. diffusion of light

Compiled & distributed by Schools Net Kenya, P.O. Box 15509-00503, Nairobi | Tel:+254202319748

The diagram below represents parts of a flower



Fertilization take place in the part marked?

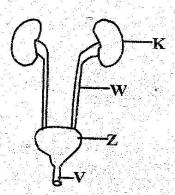
A. P

BIN

C. M

- D.O
- 24. The transfer of heat that do not require any media is known as :-
  - A. conduction
  - B. convection
  - C. radiation
  - D. convection and radiation
- 25. The following are all characteristics blood vessels. Which one is true from all veins only?
  - A. carries deoxygenated blood
  - B. carries oxygenated blood
  - C. carries blood away from the heart
  - D. carries blood towards the heart
- 26. Which of the following animals is a herbivorous animal?
  - A. Leopard
- B. Cat
- C. Zebra
- D. Lion
- The following are measured in newtons except? 27.
  - A. Friction
  - B. Mass
  - C. Weight
  - D. Force

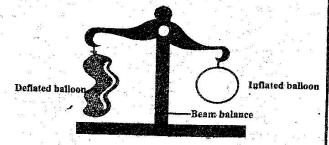
- Which one of the following immunisable diseases is prevented using a vaccine different from others?
  - A. Measies
  - B. Tetanus
  - C. Whooping cough
  - D. Diptheria
- 29. Which one of the following need not to be the same when comparing capillarity of different types of soil?
  - A. Amount of soil
  - B. Size of cotton woo!
  - C. Size of the tube
  - D. Size of soil particles
- 30. The diagram below represents a certain body organ



Name the parts labelled K, Z, W, V

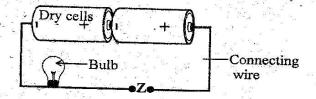
- A. Left kidney bladder ureter
- urethra B. Right kidney bladder urethra ureter
- C. Bladder
- kidney
  - ureter
- urethra urethra
- D. Right kidney bladder ureter
- Which of the following shows the sixth and fourth 31. planets from the sun respectively?
  - A. Saturn and Mars
  - B. Jupiter and Mars
  - C. Uranus and Earth
  - D. Mars and Saturn

- 32. Which of the following is the *least* affected when sample of soil is heated?
  - A. Living organisms
  - B. Organic matter
  - C. Minerals salts \*
  - D. Water
- The following are ways of controlling HIV and 33. AIDS through mass education except?
  - A. Story telling
  - B. Public lectures
  - C. Use of newspapers
  - D. Use of dramas
- Std 5 pupils did an experiment shown below



From the experiment, they learnt that

- A. air has weight
- B. air occupies space
- C. air exerts pressure
- D. air has definate shape
- Std 7 pupils carried out an experiment as shown below



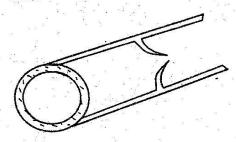
Which of the materials given below, when placed at point Z will make the bulb to light?

- A. Wax
- B. Pencil lead
- C. Sisal string D. Dry piece of wood

- The following shows a description of a certain type of tooth
  - (i) Used in grinding food
  - (ii) Has two roots
  - (iii) Is the last to be shed

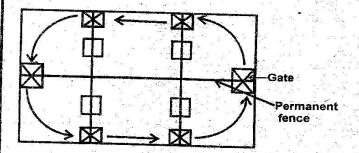
The type of tooth with the above description is :-

- A. canine
- B. molar
- C. incisor
- D. pre-molar
- 37. The diagram below shows a certain blood vessel



The above blood vessel is likely to be

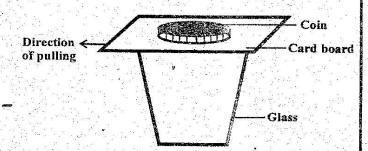
- A. artery
- B. capillary
- C. vein
- D. platelet
- Mr. Kamau constructed the following structure 38. in his farm



Which method of grazing did he use on his farm?

- A. Strip grazing
- B. Tethering
- C: Paddocking
- D. Stall feeding
- 39. The following are functions of the amniotic fluid except one . Which is it?
  - A. Nourishes the foetus
  - B. Keeps the foetus warm
  - C. Lebricates the foetus
  - D. Protects the foetus from physical injury

40. Std 5 pupils pulled a cardboard with a coin as shown below



How did the coin behave after pulling?

- A. It remained on the cardboard
- B. It fell into the glass
- C. It fell behind the glass
- D. It moved with the cardboard
- 41. Which of the following diseases are people living in swampy areas most likely to be infected with
  - A. Typhoid and bilharzia
  - B. Choler'a and typhoid
  - C. Malaria and bilharzia
  - D. Cholera and malaria
- 42. Std 5 pupils wanted to construct a windvane . Which of the following materials was <u>not</u> required?
  - A. Nail
  - B. Pieces of wood
  - C. Metal sheet
  - D. Polythene bag
- 43. Below are effects of drug abuse
  - (i) Coma
  - (ii) Truancy
  - (iii) Mental conflicts
  - (iv) Withdrawal symptoms
  - (v) Rape
  - (vi) Fits

Which group of these effects above consist of health effects only?

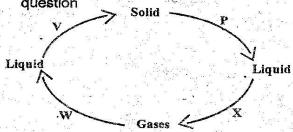
A. i, ii, iv

B. II, III, V

C, i, iv, v

D. I, iv, vi

44. Use the diagram below to answer the following question



Which two of the labelled processes take place as a result of increase in temperature?

- A. V and P
- B. W and V
- C. X and W
- D. X and P
- 45. The main reason for including food rich in fibre in the diet is because

A it adds nutrients to the body

- B. it helps in protecting the body against diseases
- C. it helps in getting rid of the undigested food
- D. it helps in digestion of food
- **46.** Which of the following is an adaptation of plants found in wet areas?
  - A. They have stems which can store water.
  - B. They have deep and wide spread root system
  - C. They shed leaves during dry season
  - D. They have broad large flat leaves
- 47. The following are modern methods of preserving food except one. Which one?
  - A. Drying
- B. Freezing
- C. Use of honey
- D. Canning
- 48. The following are signs of unhealthy crops except?
  - A. Reduced quality produce
  - B. Stunted growth
  - C. Curied leaves
  - . Discolouration on growing leaves
- 49. The following are advantages of friction except?
  - A. Produces heat
- B. Prevents skidding
- C. Wear out things
- D. Causes braking
- 50. Which of the following sources of electricity pollutes the environment?
  - A. Car battery
- B. Petrol generator
- C. Solar panel
- D. Dry cell