1. Which of the following juices ends the digestion of food in the gut?
   A. Gastric juice
   B. Intestinal juice
   C. Saliva
   D. Bile juice

2. Which part of the male reproductive system are sperms produced?
   A. Epididymis
   B. Urethra
   C. Sperm duct
   D. Testis

3. When breathing out the _________
   A. ribs move upwards and outwards
   B. diaphragm become dome shaped
   C. lungs expand
   D. ribs move down and outwards

4. Ovulation in females takes place in the _________
   A. ovary
   B. oviduct
   C. uterus
   D. vagina

5. Which of the following plant is green and no-flowering?
   A. Mould
   B. Moss
   C. Acacia
   D. Puffball

6. The tooth shown below is mainly used for:
   A. Tearing food
   B. Biting and cutting food
   C. Tearing and chewing food
   D. Crushing and grinding food

7. The following are characteristics of animals:
   (i) Body covered with scales
   (ii) Lay eggs
   (iii) Body temperature changes with surrounding
   (iv) Breath by lungs

8. Which animal listed below does not have all the features above?
   A. Eagle
   B. Lizard
   C. Crocodile
   D. Gecko

9. Which of the following is not a function of roots in plants?
   A. Storing food
   B. Making food
   C. Breathing
   D. Absorption

10. Which of the following diseases is not communicable?
    A. Malaria
    B. Measles
    C. Tetanus
    D. Tuberculosis

11. A baby is given a BCG vaccine at birth to prevent from controlling?
    A. Diptheria
    B. Tuberculosis
    C. Measles
    D. Polio

12. The diagram below shows a process which take place in plants.

The process shown above is called _________
   A. transpiration
   B. transportation
   C. photosynthesis
   D. absorption
12. Which of the following is the first stage of HIV infection?
A. Incubation
B. Asymptomatic
C. Window
D. Full-blown

13. The set-up below was made by class four pupils to investigate a component of soil. Which component were they investigating?

A. Water
B. Air
C. Humus
D. Living things

14. Which of the following factors does not affect floating and sinking?
A. Shape
B. Size
C. Mass
D. Material

15. The diagram below shows a flower.

Which part of the flower above produces the male reproductive cells?
A. S
B. R
C. T
D. Q

16. The main function of part labelled P is:
A. produce female cells
B. attract insects for pollination
C. contain the plain grains
D. protect the flower at bud stage

17. Which of the following plants does not have a fibrous root system?
A. Rice
B. Millet
C. Grass
D. Beans

18. The rate at which water rises up the soil depends on:
A. size of the particles
B. amount of humus in soil
C. colour of the soil
D. air content in the soil

19. The largest planet in the solar system is:
A. Venus
B. Jupiter
C. Saturn
D. Pluto

20. Which physical change take place in girls only?
A. Wet dreams
B. Production of sex cells
C. Growth of pubic hair
D. Menstrual flow

21. Dried fodder preserved by drying is called:
A. pasture
B. silage
C. hay
D. concentrate

22. Fertilization in plants takes place in the:
A. Ovary
B. Corolla
C. Stigma
D. Style

23. Std. 5 pupils did the experiment below.

What will be observed after sometime?
A. The bottle will crack
B. The balloon bursted
C. The balloon got inflated
D. Nothing happened

24. The deficiency disease caused by lack of iron is called:
A. Kwashiorkor
B. Anaemia
C. Marasmus
D. Scurvy

25. Which of the following statements is not true about a windsock?

A. It has black and white stripes
B. It is open on both sides
C. It measures direction and speed of wind
D. It should be placed in an open place

26. Convection is a method of heat transfer in:
A. solids and liquids
B. liquids only
C. gases only
D. liquids and gases

27. The amount of matter in an object is its:
A. mass  
B. density
C. force  
D. weight

28. The following are rotational methods of grazing except:
A. strip grazing
B. herding
C. paddocking
D. tethering

29. The diagram below shows change of state of matter:
```
Ice   W   Water   X   Vapour
```
Process W and Z represents _______ and _______ respectively.
A. melting and freezing
B. freezing and evaporation
C. melting and evaporation
D. condensation and freezing

30. Which two processes are as a result of losing heat?
A. X and Y  
B. X and Z
C. W and Z  
D. Z and Y

31. The tube through which urine and sperms are passed in human beings is called:
A. oviduct
B. sperm duct
C. epididymis
D. urethra

32. The diagram below shows a cooking pan.

The part labelled X should be made of:
A. wood  
B. aluminium
C. glass  
D. copper

33. The fusing of male and female sex cells is called:
A. fertilization
B. photosynthesis
C. pollination
D. transpiration

34. The embryo of a seed is made up of
A. anther and stigma
B. plumule and stigma
C. anther and style
D. plumule and radicle

35. The diagram below shows a method of heat transfer:
```
METAL ROD
WAX
PIN
CANDLE
```
The method of heat transfer is called:
A. convection
B. conduction
C. evaporation
D. radiation

36. The main function of fibre in the body is to:
A. help in digestion
B. prevent constipation
C. give the body energy
D. help in absorption of food

37. Below are characteristics of clouds:
   (i) Puffy white in colour
   (ii) Dome shaped
   (iii) Have flat bases

   The clouds described above are likely to be:
A. Nimbus  
B. Cirrus
38. Which of the following weeds has yellow and purple flowers?
A. Wandering jew
B. Sodom apple
C. Pig weed
D. Oxalis

39. The following animals feeds are legumes except:-
A. clover
B. lucerne
C. desmodium
D. nappier grass

40. The diagram below shows a weather instrument.

The instrument works on the principle that:-
A. Air expands when heated
B. Air occupies space
C. Liquids expand when heated
D. Liquids occupy space

41. Which planets are in the fourth and seventh position from the sun?
A. Mars and Uranus
B. Earth and Jupiter
C. Saturn and Uranus
D. Mars and Neptune

42. Which of the following substances consist of those that have definite shape and size?
A. Water and oxygen
B. Stone and wood
C. Oxygen and carbon dioxide
D. Kerosine and stone

43. Which of the following materials does sound travel slowest?
A. Solid
B. Vacuum
C. Liquid
D. Gases

44. Bile juice is stored in the:-
A. liver
B. duodenum

45. Which of the following statements is not correct about HIV/AIDS?
A. It develops in stages
B. It can be cured
C. It is caused by a virus
D. It weakens the body immune system

46. Which of the following methods would not help prevent spread of malaria?
A. Immunization
B. Draining stagnant water
C. Sleeping under treated nets
D. Taking anti-malaria drugs

47. Which of the following deficiency diseases is prevented by eating plenty of citrus fruits?
A. Scurvy
B. Marasmus
C. Rickets
D. Anaemia

48. The diagram shows a bean seed. The part labelled M is called the seed coat
A. is called the seed coat
B. stores food for the seed
C. is part of the embryo
D. develops into shoot

49. Which of the following does not pass through part R?
A. Water
B. Radicle
C. Air
D. Plumule

50. The following are conditions necessary for germination of seeds except:-
A. light
B. oxygen
C. warmth
D. water