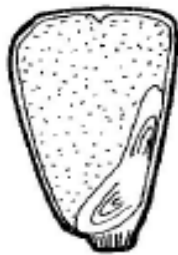


13. Which one of the following parts is **NOT CORRECTLY** matched with its function?

Part Function

- A. **Q** holds all the parts of the flower together
 B. **P** protects the flower during budding stage
 C. **N** attracts or repels pollinators
 D. **L** transfers pollen grains to the ovary
14. Part **J**, **M**, **N** and **P** are _____ respectively.
 A. anther, stamen, corolla, calyx
 B. anther, filament, petal, sepal
 C. anther, pistil, corolla, calyx
 D. anther, style, petal, sepal
15. Parts **K**, **M** and **O** make up:-
 A. pistil B. carpel
 C. stamen D. tassel
16. The following seed stores its food in:-



- A. embryo B. cotyledon
 C. endosperm D. fused pericarp

17. Std. 4 pupils of Nanyuki Primary school observed the following characteristics in a weed:-

- (i) *fleshy stem*
 (ii) *produces blue flowers*
 (iii) *stem grows along the ground*

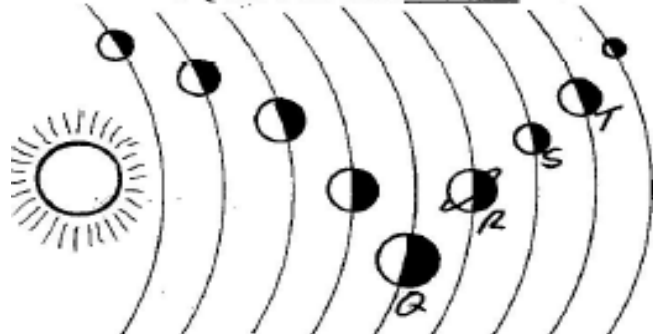
The weed is **LIKELY** to be:-

- A. wandering jew B. mexican marigold
 C. black jack D. pig weed

18. The following plants reproduce by means of spores **EXCEPT**:-

- A. algae B. liverworts
 C. fern D. moss

19. Planets **Q** and **S** are most **LIKELY** to be:-



- A. Venus and Mars B. Jupiter and Uranus
 C. Saturn and Neptune D. Mercury and Earth

20. I am a planet and lack a solid surface. Am quite bright and can be seen throughout the night. I produce more heat than the sun radiates to me. Who am I?
 A. Pluto B. Saturn C. Jupiter D. Neptune

21. Rock materials that hit the earth's surface causing craters are called:-

- A. minor planets B. comets
 C. meteors D. shooting stars

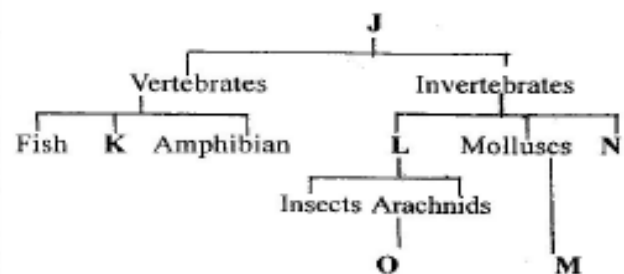
22. Std. 6 pupils of Mukima school matched weather instruments with principles behind their working:-

Instrument	Principle used
W	expansion and contraction
X	air exerts pressure
Y	matter occupies space
Z	air in motion

Instrument **Y** is **LIKELY** to be:-

- A. thermometer B. windsock
 C. barometer D. raingauge

Use the chart below to answer questions 23-25.



23. Letters **K**, **L**, **M** and **N** represent:-

- A. reptiles, crustaceans, snail, echinoderms
 B. mammals, coelentrates, sea anemone, earthworms
 C. birds, arthropods, octopus, crustaceans
 D. reptiles, myriapods, squid, sea urchin

24. A koala bear and scorpion are **LIKELY** to be classified under:-

- A. **K** and **O** B. **K** and **M**
 C. **K** and **J** D. **O** and **K**

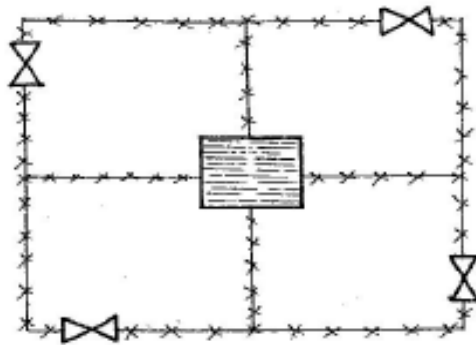
25. **J** represents:

- A. living things B. animals
 C. flowering plants D. non-flowering plants

26. Which of the following vitamins is **NOT CORRECTLY** matched with its use?

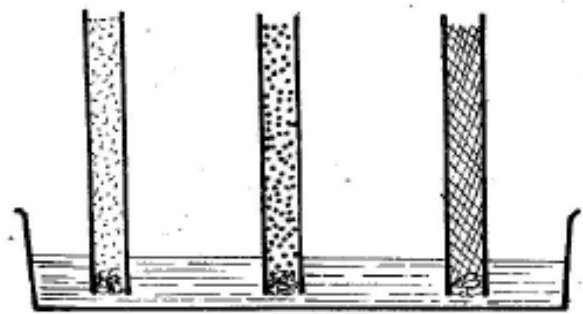
Vitamin	Use
A. vita A	good skin, eyesight and proper growth
B. Vit B	smooth skin
C. Vit E	fertility
D. Vit K	good muscle activity

27. Which one of the following is a disadvantage of the following grazing method?

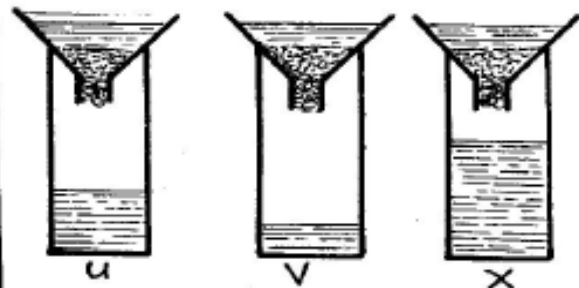


- A. fixing permanent fences is expensive
 B. resting period allows grass to regenerate
 C. ensures constant supply of pasture
 D. controls spread of pests and diseases
28. Which one of the following is **NOT** a pasture?
 A. setaria grass B. star grass
 C. guatemala grass D. glycine
29. Some std. 6 pupils from Likii High school described some animal feeds
Karanja - feeds stored for use during dry season
Mwani - feeds not fed directly to animals
Ekwam - feed grazed directly to animals
Mumina - feeds that contain high qualities of nutrients per unit weight
 Which pupil described concentrates?
 A. Mumina B. Ekwam
 C. Karanja D. Mwani
30. Which of these animal feeds **LEAST** fits in the group?
 A. chick mash B. finishing meal
 C. creep pallets D. calf pencil
31. A water storage that is constructed by building a barrier across a river is called:-
 A. dyke B. dam C. porous dam D. tank
32. Which one of the following is **NOT** a water borne disease?
 A. cholera B. typhoid C. malaria D. bilharzia
33. Kiliku a std. 6 boy complained of
 (i) **severe headache**
 (ii) **diarrhoea**
 (iii) **high fever**
 (iv) **skin rash**
 Which water borne disease could he be suffering from?
 A. cholera B. bilharzia
 C. typhoid D. dysentery
34. Kiliku's disease can easily be confused for:-
 A. malaria B. cholera
 C. influenza D. bilharzia

Use the diagram to answer questions 35-36.



35. What conclusion **CANNOT** be made from the above set up?
 A. different soils have different capillarities
 B. capillarity is determined by size of soil particles
 C. at first, water rises fast in sandy soil than clay soil
 D. clay soils allow water to move down through them quickly
36. Which one of the following is **NOT** a possible mistake made during set up?
 A. using capillary tubes of different sizes
 B. using the same soil sample
 C. using cotton plugs of different sizes
 D. using different types of soil of equal amounts
37. Soil samples U, V and X, are _____ respectively



- A. sand, loam and clay B. loam, clay and sand
 C. clay, loam and sand D. loam, sand and clay
38. Which one of the following will not change when clay is added to loam?
 A. colour B. capillarity
 C. fertility D. texture
39. It is **TRUE** to say that; the soil that has the highest water retention:-
 A. cracks when dry B. has large air spaces
 C. has a coarse texture D. has poor capillarity

