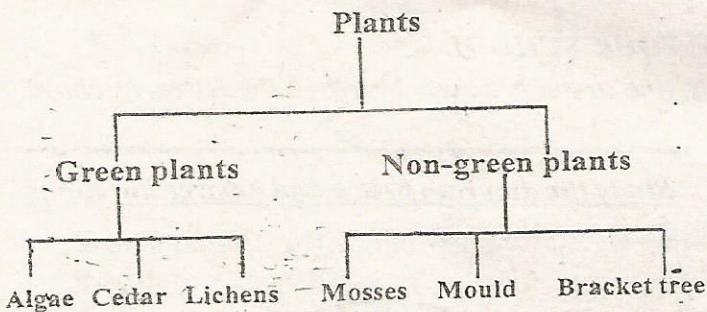


8. Venus flytrap, cobra lilly, sundew and bladder wort are examples of _____ plants.
- saprophytic plants
 - carnivorous plants
 - non-flowering plants
 - deciduous plants
9. The following diagram represents a simple classification of plants.



Which plants were **WRONGLY** classified?

- Algae mould
- Bracket tree and cedar
- Lichens mosses
- Cedar and mould

10. Kipngetich collected the following materials to construct a certain weather instrument.

- a strong polythene
- a strong string
- wire
- a long pole

Which weather instrument did he intend to construct?

- Windsock
 - Windvane
 - Thermometer
 - Raingauge
11. For tools to last longer and work properly, they should not be _____
- used for the right purpose
 - cleaned after use.
 - sharpen cutting tools.
 - used for the wrong purposes.

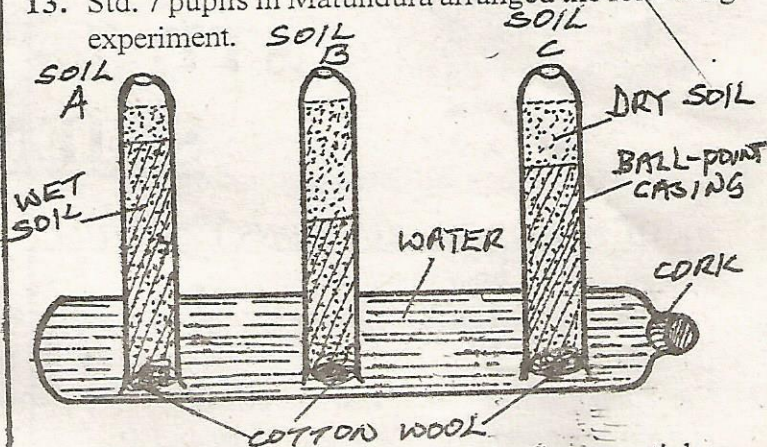
12. Onyangó a class seven boy had the following symptoms.

- Lack of sleep
- Loss of appetite
- Hallucinations.
- Brain damage

Which drug could he have taken?

- Miraa
- Bhang
- Cocaine
- Heroin

13. Std. 7 pupils in Matundura arranged the following experiment.



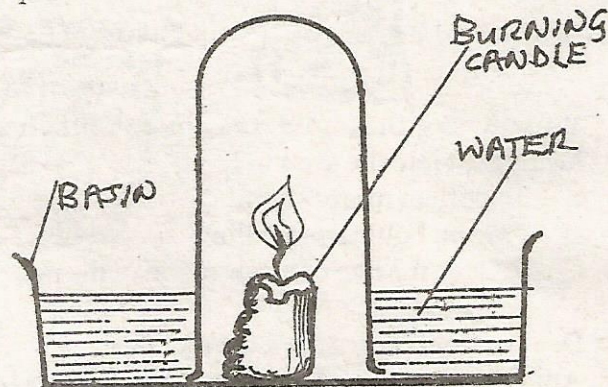
They found that soil _____ had the finest particles.

- soil B
 - Soil A
 - Soil C
 - All were the same
14. Which one of the following crop pest is **CORRECTLY** matched to the damage it causes?
- Weevil - bore holes in stems and stalks.
 - Cut worm - make holes in leaves of cereal crops.
 - Stalkborer - bore holes in grains
 - Aphids - sucks juice from vegetable leaves.
15. Which one of the following livestock parasites cannot be controlled by spraying animals?
- Tsetse flies
 - Ticks
 - Mites
 - Fleas
16. Njeri a class seven pupil was taken to hospital with the following symptoms.
- Skin rash
 - Fever
 - Diarrhoea
 - Blood in urine and stool

She was likely suffering from?

- Cholera
 - Pneumonia
 - Bilharzia
 - Typhoid
17. A common inhalant that is used by street boys is _____?
- turpentine
 - cobblers glue
 - paint
 - nail polish

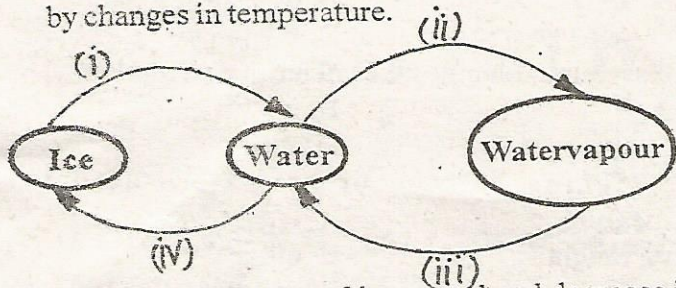
- 18.



In the above diagram it was observed that the candle went off after some time. The gas used up is also used in _____

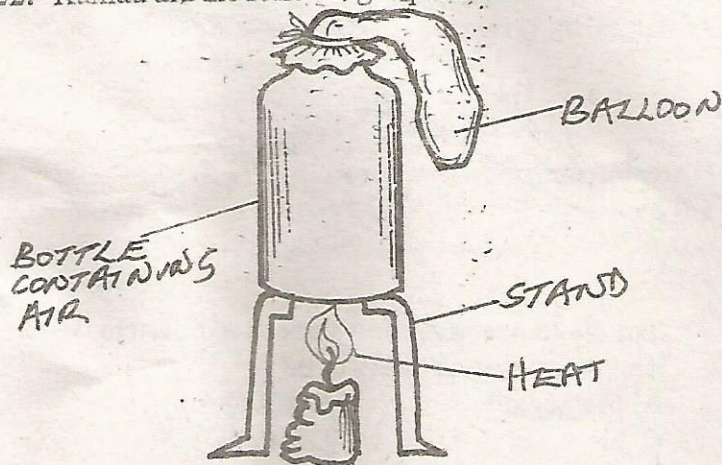
- fire extinguishers
- making neon bulbs
- germination
- photosynthesis

19. The diagram below shows process brought about by changes in temperature.



Which processes need increased and decrease in temperatures respectively?

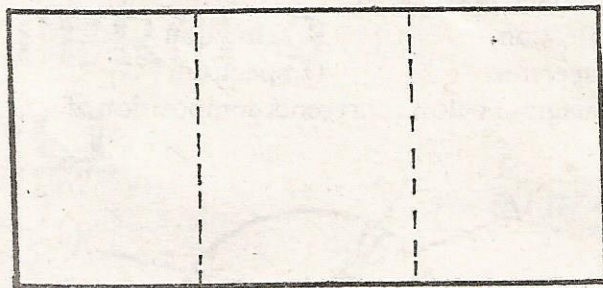
- A. (i), (ii) B. (iii), (iv)
 C. (i), (iii) D. (iv), (i)
20. Whales, bats and duck-billed platypus belong to a group of animals called _____
 A. birds B. carnivores
 C. herbivores D. mammals
21. The importance of fibre in the diet is to _____
 A. prevent constipation
 B. prevent dehydration
 C. prevent malnutrition
 D. add nutrients to the body.
22. Kamau did the following experiment.



After heating the bottle for sometime, there was no change in the balloon. What could be the reason?

- A. There was no air in the bottle.
 B. The balloon was not new.
 C. The balloon was very big
 D. The balloon had a hole.
23. Sim sim, coconut and sunflower are examples of _____ crops.
 A. fibre crops B. oil crops
 C. beverages D. cash crops
24. Which method of controlling weeds pollutes the environment?
 A. Use of chemicals B. Mulching
 C. Slashing D. Uprooting
25. Maina saw clouds that had, flat base and were made up of rounded masses these clouds indicated.
 A. Rainy weather B. Fine weather
 C. Stormy weather D. Windy weather

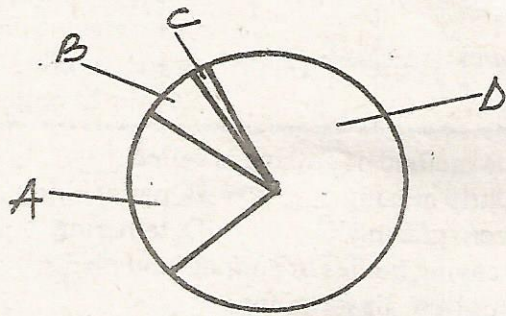
26. The diagram below shows a method of grazing



This method of grazing is called _____

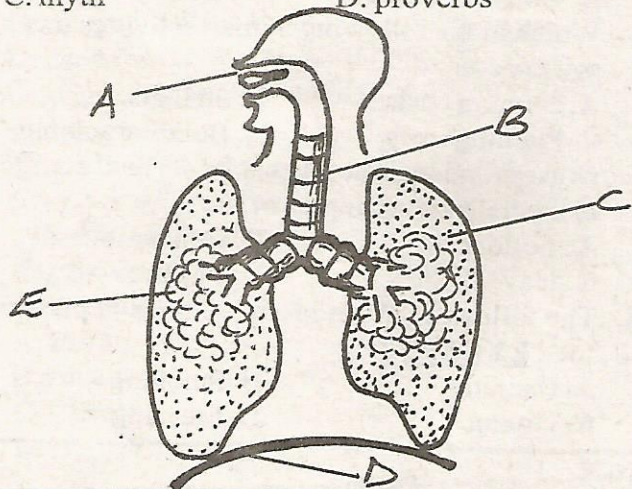
- A. strip grazing B. paddocking
 C. zero grazing D. tethering
27. Decaying bodies of animals and plants _____
 A. pollute air for crops.
 B. make soil unsuitable for cultivation
 C. pollute soil for crops
 D. add humus to the soil.
28. _____ plants use nitrogen in the air to make protein?
 A. Fungi B. Mosses
 C. Leguminous D. Non-green
29. The part of a flower that consists of the stigma style and ovary is called?
 A. Petal B. Stamen C. Pistil D. Sepal
30. Which disease are immunised at birth?
 A. Diphtheria and polio
 B. Tuberculosis and polio
 C. Tetanus and whooping cough
 D. Polio and measles
- 31.
-
- The above flower is pollinated by _____
 A. wind B. bees C. birds D. butterfly
32. Which of the following human activities increases soil erosion?
 A. Burning bushes B. Stall grazing
 C. Planting trees D. Building gabions
33. Grasses and legumes that animals feed on directly in the field are examples of?
 A. Fodder B. Concentrates
 C. Hay D. Pastures
34. The following are modern methods of preserving food **EXCEPT**?
 A. Canning B. Smoking
 C. Drying D. Freezing

35. When a coin is placed in a basin of water it appears to be raised because of _____
 A. reflection B. refraction
 C. dispersion D. spectrum
36. The diagram below represents composition of air.



Which part of A B C and D represent air that is used during photosynthesis?

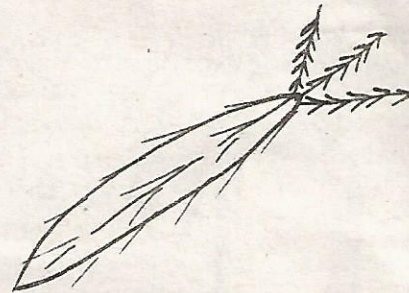
- A. C B. A C. D D. B
37. In the human breathing system the hair that traps dust is found in the _____
 A. Nose B. Nose and trachea
 C. Trachea and bronchus D. Nose and bronchitis
38. The sandy soil has _____
 A. highest capillarity
 B. poorest water retention
 C. poorest drainage
 D. finest texture.
39. Force is expressed in _____
 A. grammes B. degree
 C. metres D. newtons
40. The following are plant nutrients. Which one is a micro nutrient?
 A. Potassium B. Iron
 C. Calcium D. Nitrogen
41. Harvested rain water can be stored in _____
 A. dams B. taps C. drums D. tanks
42. A false idea or a story many people believe to be true is called _____
 A. misconception B. facts
 C. myth D. proverbs



Air is cleaned and warmed at part marked _____

- A. a B. d
 C. e D. b
44. Gaseous exchange takes place at part marked _____
 A. b B. a
 C. e D. c
45. Weighing balance or scales are used to measure _____
 A. weight B. mass
 C. force D. gravity
46. The following are ways in which HIV/AIDS is spread **EXCEPT?**
 A. Blood transfusion
 B. Exchange of saliva
 C. Sharing piercing objects.
 D. Sharing meals.
47. Wanjeri's sister had soft, weak bones and bow-shaped legs. She should be fed on diet rich in _____
 A. calcium B. iron
 C. proteins D. carbohydrates

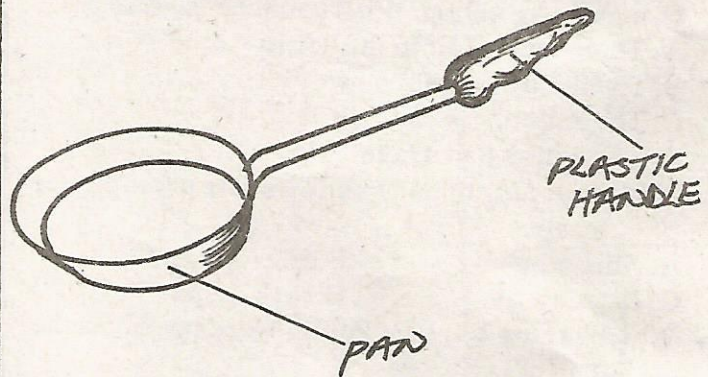
48.



The diagram above shows a seed of a certain weed.

The weed is most likely to be _____
 A. black jack B. wandering jew
 C. pig weed D. oxalis

49.



The plastic handle acts as a _____
 A. conductor B. supporter
 C. cooler D. insulator

50. Oxygen is added to the blood in the _____
 A. heart B. head
 C. lungs D. arteries