

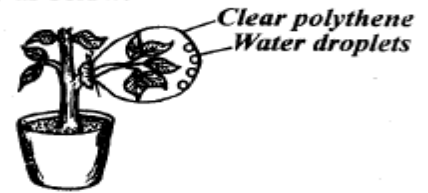
# STANDARD FIVE

## SCIENCE

Time: 1hr 40Mins

- Which one of the following is **not** a vegetable?  
A. Coriander                      B. Kale  
C. Pigweed                         D. Yam
- Which one of the following groups of crops has cereals **only**?  
A. Peas, maize, oat  
B. Oats, rice, millet  
C. Groundnuts, beans, greengrams  
D. Cowpeas, sorghum, barley
- Which one of the following is **not** a characteristic of clay soil?  
A. Drains water the poorest.  
B. It is also called light soil.  
C. Has small air spaces.  
D. It is found on anthills.
- Which one of the following pairs of teeth consists of teeth that are shed first and last **respectively**?  
A. Molars and incisors  
B. Incisors and premolars  
C. Canine and incisors  
D. Canines and premolars
- Three of the following are parts of the alimentary canal where no digestion takes place **except**:-  
A. rectum                              B. colon  
C. oesophagus                         D. ileum
- Below are characteristics of a certain stage of HIV infection.  
(i) *Lasts between 6 weeks to 12 years.*  
(ii) *A person looks healthy and normal.*  
(iii) *No visible signs and symptoms of HIV and AIDS.*  
(iv) *Medical test shows presence of HIV in the blood.*  
  
The above stage is:-  
A. asymptomatic stage  
B. window stage  
C. symptomatic stage  
D. full blown AIDS

- Std 5 pupils from Utawala Primary carried out an activity as below:-



- What were they investigating?
- Transpiration
  - Photosynthesis
  - Stomata
  - Absorption
- Which one of the following is **not** an importance of lighting a house?  
A. Enabling us to see clearly.  
B. For safety.  
C. Encouraging pests.  
D. Read comfortably.
  - Which one of the following is **not** a deficiency disease?  
A. Marasmus  
B. Bilharzia  
C. Anaemia  
D. Kwashiorkor
  - Which one of the following is **not** used in water transport?  
A. Boat  
B. Canoe  
C. Taxi  
D. Ferry
  - Alfred heated soil in a tin that was covered with a lid. What did he observe?  
A. Water on the underside of the lid.  
B. A lot of smoke.  
C. Bubbles in the soil.  
D. Air in the soil.

In which group do we classify the plant drawn below?



- A. Bacteria
- B. Fungi
- C. Parasite
- D. Mould



3. Which one of the following is **not** a characteristic of all animals?

- A. They give birth.
- B. They feed.
- C. They remove waste.
- D. They grow.

4. Why is a rain gauge raised 30 cm above the ground? To:-

- A. make it firm.
- B. collect maximum water.
- C. prevent raindrops from splashing into the funnel.
- D. prevent evaporation.

15. A certain weed has the following characteristics:-

- (i) Grows along the ground.
- (ii) Has fleshy stem.
- (iii) Has blue flowers.
- (iv) Grow in moist places.

The weed described above is:-

- A. pigweed
- B. sodom apple
- C. wandering jew
- D. oxalis

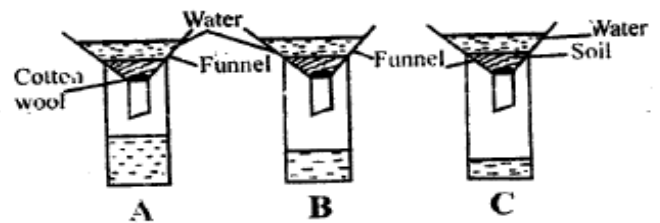
16. Which one of the following plants has tap root system?

- A. Garden pea
- B. Sugarcane
- C. Grass
- D. Sorghum

17. Which one of the following is **not** a component of soil?

- A. Mineral particles.
- B. Living organisms.
- C. Pieces of plastic bottles.
- D. Air

18. Six five pupils from Kianjogu Primary carried out an experiment as below.



Which one of the above is sand soil?

- A. A
- B. C
- C. B
- D. None

19. The highness or lowness of sound is called:-

- A. frequency
- B. pitch
- C. volume
- D. vibration

20. Which one of the following teeth are **wrongly** matched with their function?

- A. Molar - Crushing and grinding.
- B. Canine - Cutting and tearing.
- C. Incisors - Biting and cutting.
- D. Premolar - Chewing and grinding.

21. Which one of the following is **not** a vegetable whose fruits are eaten?

- A. Turnips
- B. Capsicam
- C. Egg plant
- D. Tomato

22. Which one of the following foods comprises of energy-giving foods only?

- A. Chapati, ugali and green bananas.
- B. Kale, meat, groundnuts.
- C. Apple, potatoes and mango.
- D. Pawpaw, watermelon and vine.

23. Three of the following are conditions necessary for photosynthesis **except**:-

- A. carbon dioxide
- B. sunlight
- C. oxygen
- D. chlorophyll