

STANDARD FOUR

SCIENCE

Time: 1hr 40min

1. Which one of the following groups of crops provides us with fibre?
 A. Sunflower, cotton, sisal.
 B. Sisal, flax, pyrethrum.
 C. Sisal, flax, cotton.
 D. Tea, coffee, pyrethrum.

2. Which one of the following sense organs is **correctly** matched with its function?

Organ	Function
A. Eye	Telling how hot or cold something is
B. Nose	Differentiating sounds
C. Ear	Getting small things from big ones
D. Tongue	Identifying the taste of tea

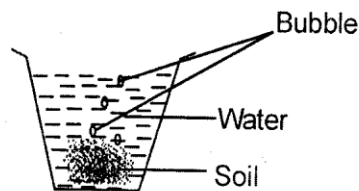
3. Sheep and goats give us a similar product. Which one?
 A. Dairy
 B. Wool
 C. Mohair
 D. Mutton
4. Tankers, pipes, animals and jerricans are ways of:-
 A. transporting water
 B. storing water
 C. cleaning water
 D. providing water.
5. The component of the soil that provides crops with nutrients for proper growth is known as:-
 A. mineral particles
 B. organic matter
 C. water
 D. air.

6. During a nature walk, class four pupils saw the weed drawn below.



The weed was likely to be:-

- A. sodom apple
 B. oxalis
 C. mexican marigold
 D. wandering jew.
7. Which one of the following sources of light produces the largest amount of light?
 A. Firewood
 B. Moon
 C. Sun
 D. Electricity
8. The **best** way to prevent bleeding gums is by:-
 A. brushing teeth properly
 B. eating a balanced diet
 C. regularly visiting a dentist
 D. avoiding eating sweets.
9. AIDS is caused by:-
 A. eating cold food
 B. sexual intercourse
 C. sleeping with a healthy person
 D. Human Immunodeficiency Virus.
10. Class three pupils did the experiment below.



They realised that:-

- A. soil contains air
 B. soil contains water
 C. water contains bubbles
 D. water gets heated by soil.

11. The diagram below shows a small animal.



It protects itself the same way as the:-
 A. millipede B. cockroach
 C. centipede D. wasp.

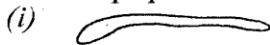
12. The table below shows the number of teeth an adult human being has.

Teeth	Number
(i) Incisors	8
(ii) Molars	_____
(iii) Canines	_____
(iv) Premolars	8

The number of molars and canines respectively is:-

- A. 6 and 8 B. 12 and 4
 C. 12 and 2 D. 8 and 2
13. Which one of the following practices shows the uses of water in the farm?
 A. Washing animal stalls, making of chemicals and watering crops.
 B. Fishing, making fountains, mixing chemicals.
 C. Watering animals, keeping fish, mixing chemicals.
 D. Watering crops, fishing, making fountains.

14. The following are ribbons made by class 3 pupils using different soils.



The soils that made ribbons (i) and (ii) respectively are:-

- A. sand and loam
 B. clay and loam
 C. clay and sand
 D. sand and clay.
15. The **main** reason why animals reproduce is to:-
 A. get milk
 B. be more and fight enemies
 C. multiply and continue living
 D. remove wastes in their bodies.

16. Which one of the following is **not** likely to reflect light?

A. Brick walls
 B. Shiny surface
 C. Smooth surfaces
 D. Mirrors

17. The type of clouds which tells the farmers to start preparing for planting season are:-

A. found high in the sky
 B. regular in shape
 C. cotton-like in appearance
 D. dark grey in colour.

18. For maintaining proper and strong teeth, we should avoid three of the following **except**:-

A. using them to open bottle tops
 B. brushing teeth
 C. sugary foods
 D. using tooth picks.

19. Three of the following are effects of moving air. Which one is **not**?

A. Felling trees.
 B. Carrying away roofs.
 C. Carrying away soil.
 D. Drying clothes.

20. The animal drawn below moves by:-



A. crawling B. slithering
 C. walking D. rolling.

21. The **main** reason why blackjack should be dug out when it is young is because it:-

A. is very poisonous
 B. spreads very fast
 C. has unpleasant smell
 D. is not edible.

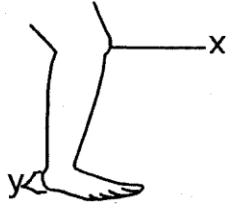
22. Which of the following food groups contains foods required for growth and repair of body parts?

A. Groundnuts, beans and peas.
 B. Bananas, cabbage and orange.
 C. Maize, beans and chicken.
 D. Chips, sausage and tomato.

23. The diagram below shows an object that produces sound by:-



- A. hitting
B. kicking
C. plucking
D. blowing.
24. The diagram below shows a human leg.



The parts labelled x and y respectively are:-

- A. knee and foot
B. toe and toe nail
C. knee and heel
D. knee and toe.
25. Rollers are round objects used for:-
A. cleaning machines
B. making vehicles move
C. forming clothes
D. moving heavy objects.

26. Four pupils carried the following foods for their lunch.

Kioko: Arrow roots, beef stew, ripe banana

Anne: Chips, sausage, chapati

Gitahi: Ugali, cabbage, spinach

Andrew: Milk, ugali and a sausage

Who among the pupils carried a balanced diet?

- A. Anne
B. Kioko
C. Gitahi
D. Andrew
27. The diagram below shows a type of tooth.



It is **true** to say that the tooth above:-

- A. has the longest root
B. is used for grinding food
C. is never shed
D. is the first to grow.

28. Items and clothes meant to be used by one person and should not be shared are known as:-

- A. cutting tools
B. private things
C. personal items
D. confidential items.

29. Body temperature is measured using a:-

- A. syringe
B. cotton wool
C. thermometer
D. weighing scale

30. Which one of the following is **not** a way in which animals react to changes in the environment?

- A. Standing in the shade during hot weather.
B. Moving from one place to another in search of partners.
C. Sheltering in houses when it is raining.
D. Wearing heavy jackets when it is cold.

31. The **best** way to store water for domestic use by people living in towns is by use of:-

- A. pipes B. tankers
C. tanks D. drums.

32. Which one of the following plants is **correctly** matched with its habitat?

	Plant	Habitat
A.	Bananas	Dry areas
B.	Water lily	Near water
C.	Reeds	In water
D.	Cactus	Near water

33. Which one of the following plants grows where it is not needed?

- A. Pig weed B. Cactus
C. Banana D. Maize

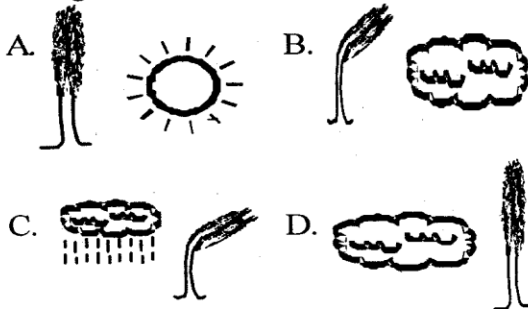
34. The diagram below shows an activity carried out by farmers during the dry season.



The activity shown above is:-

- A. watering plants B. spraying plants
C. harvesting D. weeding.

35. Fire helps to cook food by producing:-
 A. light B. heat
 C. sparks D. smoke.
36. Which one of the following animals is **likely** to be found in the soil?
 A. Weevil B. Cockroach
 C. Wasp D. Termite
37. When having meals, it is advisable to:-
 A. chew food quickly
 B. swallow food without chewing
 C. keep your plate close to you
 D. use toothpicks only after the meal.
38. Class three pupils carried out the following steps when doing an experiment.
 (i) *They put water in a container.*
 (ii) *They placed the container on a candle and heat it for some time.*
 (iii) *They observed.*
 They were investigating whether:-
 A. water contains air
 B. water has soil
 C. soil has air
 D. soil has water.
39. Which one of the following is **not** seen easily when you just look at any big animal?
 A. Ears B. Mouth
 C. Horns D. Teeth
40. Which one of the following weather symbols shows the **best** time to put on light clothes?



41. The diagram below shows a vegetable.



The part of the plant above that we eat is the:-

- A. stem B. root
 C. leaf D. fruit.

42. Moving air can help the farmers during:-
 A. weeding B. harvesting
 C. planting D. winnowing.
43. Which one of the following special sounds does **not** indicate danger?
 A. Screaming
 B. Car hooting
 C. Ringing a bell
 D. Fire engine siren
44. Goods and people in water are transported by three of the following **except**:-
 A. tankers B. ferries
 C. boats D. canoes.
45. Cumulus clouds appear like bundles of cotton wool while nimbus are dark grey in colour. The method used to classify these clouds is according to their:-
 A. height B. shape
 C. colour D. appearance.
46. Which pair of heavenly bodies can be seen on the sky both during the day and at night?
 A. Stars and sun
 B. Clouds and moon
 C. Sun and clouds
 D. Moon and stars
47. The following are uses of soil **except** one. Which one?
 A. Modelling pots.
 B. Building houses.
 C. Home for all animals.
 D. Growing crops.
48. We should avoid the following animals **except**:-
 A. rats
 B. ticks
 C. dogs
 D. mosquitoes.
49. Which of the following is **not** part of the head?
 A. Chest
 B. Teeth
 C. Hair
 D. Nose
50. Which one of the following materials is **not** required when making kites?
 A. Strings
 B. Glue
 C. Clay
 D. Newspaper