

STANDARD SIX END TERM 2 EXAM 2018

SCIENCE

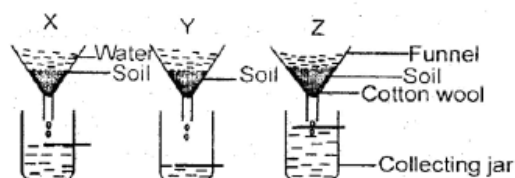
Time: 1hr 40min

- Which one of the following groups of food crops is **correctly** matched?
 A. Ground nut - Cereal
 B. Wheat - Legume
 C. Egg plant - Vegetables
 D. Onion - Fruit
- Which one of the following is **not** a use of moving air?
 A. Removing chaff from cereals.
 B. Running windmills.
 C. Sailing boats and canoes.
 D. Blowing off roofs from tops of houses.
- The diagram below shows a human tooth.



Which one of the following is **true** about the tooth above? It:-

- is broad and has ridges
 - is found in the deciduous set of teeth
 - has the longest root
 - is used for tearing and cutting.
- A HIV patient went to the hospital and was diagnosed with the following.
 (i) Skin rashes.
 (ii) Sudden loss of weight.
 (iii) Frequent diarrhoea.
 At what stage of HIV infection was he?
 A. Incubation stage. B. Window stage
 C. Full blown stage D. Symptomatic stage
 - Which one of the following means of transporting water is the **most** expensive?
 A. Use of animals. B. Use of tankers.
 C. Use of pipes. D. Use of cans.
 - The diagram below shows an experiment done by class five pupils during a Science lesson.



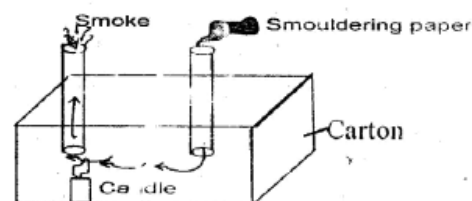
Which one of the following is **true** about soil x? It:-

- has the finest texture
 - has the best drainage
 - makes the shortest ribbons
 - has the largest particles.
- The diagram below represents a small animal.



It protects itself by:-

- running off
 - coiling
 - biting
 - flying.
- The diagram below is used to show transfer of heat.



It is used to show transfer of heat in:-

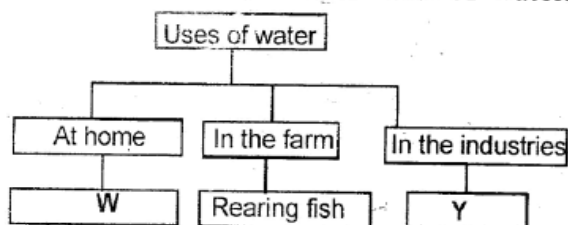
- solids
 - gases
 - liquids
 - a vacuum.
- Class five pupils were told by their Science teacher to carry the following materials during a Science lesson.
 (i) Strings or wire.
 (ii) Two tins of the same size.
 (iii) Nails.
 (iv) Pieces of board.
 Which one of the following instruments were they **likely** to construct?
 A. Windsock B. See-saw
 C. Beam balance D. Rain gauge
 - Which of the following groups of food nutrients provide the body with vitamins **only**?
 A. Fish, milk, eggs.
 B. Chicken, peas, cashewnuts.
 C. Peas, groundnuts, soyabeans.
 D. Watermelons, ripe bananas, carrots.

11. The diagram below shows a type of a cloud.



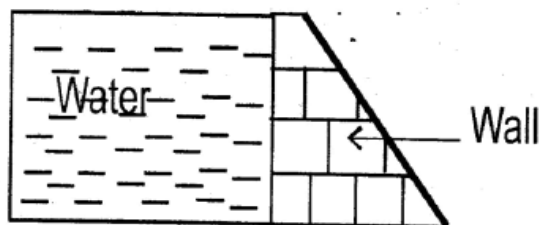
Which one of the following is **not** true about the cloud shown above? It is:-

- A. thick and mountainous
 - B. rain laden
 - C. found low in the sky
 - D. dark grey in colour.
- Which one of the following shows a pair of plants that do **not** produce flowers but make their own food?
- A. Lichen and mould.
 - B. Moss and fern.
 - C. Mushroom and lichen.
 - D. Moss and toadstool.
13. Which one of the following is **not** a use of plants to human beings?
- A. Food
 - B. Medicine
 - C. Beauty
 - D. Shelter
14. The chart below shows the uses of water.



Which pair of uses can fit in Y and W respectively?

- A. Washing utensils and making pulp.
 - B. Watering plants and mixing chemicals.
 - C. Making chemicals and washing clothes.
 - D. Fishing and surfing.
15. Which of the following parts of the breathing system removes dust particles from the air?
- A. Trachea
 - B. Diaphragm
 - C. Lungs
 - D. Bronchus.
16. Nile perch and gecko have one thing in common. It is that both:-
- A. have moist skin
 - B. lay unfertilized eggs
 - C. have varying body temperatures
 - D. breath through the lungs.
17. The diagram below shows a dam wall.



The walls are constructed as shown so as to:-

- A. hold more water
 - B. withstand high pressure
 - C. control the movement of water
 - D. minimize wastage.
18. Pupils in class four observed a weed with the following characteristics.
- (i) Grew along the road.
 - (ii) Produced purple green flowers.
 - (iii) Grew under shade.
 - (iv) Best controlled by digging out.
- The weed described above is **likely** to be:-
- A. sodom apple
 - B. oxalis
 - C. maxican marigold
 - D. wandering jew.
19. Which one of the following lists consists of parts of the female reproductive system **only**?
- A. Uterus, vagina, penis, ovary.
 - B. Ovary, uterus, oviduct, vagina.
 - C. Vagina, ovary, oviduct, testis.
 - D. Uterus, testis, oviduct, urethra.
20. During a story telling lesson, a standard 5 English teacher sat in the middle of the classroom and all pupils sat round him. Which property of sound made it easy for the teacher to tell the story? Sound:-
- A. can be amplified
 - B. travels best in air
 - C. travels in all directions
 - D. can be polluted.
21. Cutting tools should be sharpened before storage in order to:-
- A. make them last long
 - B. ensure that they work efficiently
 - C. prevent them from getting any rust
 - D. make them look tidy.
22. The following are steps followed when cleaning the teeth.
- (i) Rinse the mouth with clean water.
 - (ii) Clean the teeth upward and downward.
 - (iii) Gently brush the tongue.
 - (iv) Put toothpaste onto the toothbrush.
- Arrange the steps in order.
- A. (iv), (ii), (iii), (i)
 - B. (iv), (i), (iii), (ii)
 - C. (ii), (i), (iv), (iii)
 - D. (iii), (ii), (iv), (i)
23. Which of the following pairs consists of harmful animals?
- A. Dog and donkey.
 - B. Horse and camel.
 - C. Cow and dog.
 - D. Termite and ant.
24. Which one of the following is a use of the soil that is obtained from the river bed?
- A. Making pots.
 - B. Planting pyrethrum.
 - C. Modelling and making bricks.
 - D. Constructing houses.

25. Which one of the following is a common physical change between boys and girls during adolescence?
- Broadening of the chest and shoulders.
 - Breaking of the voice.
 - Sweat glands become active.
 - Hips broaden.

26. Which soil component can be investigated by putting soil in a container and dipping it fully in a basin full of water? Presence of:-
- air
 - water
 - organic matter
 - living organisms.

27. Which one of the following parts of the digestive system is **correctly** matched with its function?

Part	Function
A. Ileum	Absorption of water.
B. Pancreas	Producing digestive juice.
C. Colon	Completing digestion.
D. Stomach	Digestion of fats.

28. Class four pupils placed a metal plate in water. They then folded the plate into a ball. Which factor affecting floating and sinking were they **likely** to be investigating?
- Material
 - Weight
 - Shape
 - Size
29. The following are proper ways of storing medicines at home **except** one. Which one?
- Completing the prescribed dose.
 - Storing in lockable cupboards.
 - Labelling medicine well.
 - Keeping medicine in dry places.
30. A science teacher told pupils to touch soil using their fingers. Which of the following properties of soil were they **likely** to be investigating?
- Organic matter in the soil.
 - Mineral particles in the soil.
 - Colour of the soil.
 - Soil texture.
31. Class five pupils were told by their Science teacher to carry the following materials during a Science lesson.
- Wooden sticks
 - Metal rods
 - Sulfur
 - Water
 - Rubber strands
 - Source of heat.
- They were **likely** to investigate:-
- good or poor conductors of heat
 - the effect of water on different materials
 - the sound produced by different materials
 - how water is made dirty.

32. The following are characteristics of a certain body requirement.
- Helps in breakdown of food.
 - Helps in the removal of wastes in the body.

The requirement described above is **likely** to be:-

- vitamins
- water
- fibre
- fats and oils.

33. Which one of the following vaccines are administered in an infant at birth?

- BCG and anti-measles.
- Anti-polio and DPT.
- DPT and BCG.
- Anti-polio and BCG.

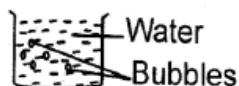
34. In an air thermometer:-

- the scale reads from bottom to top
- the liquid should be clear
- the lower bottle is left open
- it is better to use plastic bottles than glass bottles

35. The following statements are true about the states of matter **except**:-

- solids and liquids have a definite volume
- liquids and gases have no definite shape
- gases have a definite shape and volume
- gases and solids have a definite mass.

36. Kanyi left water in a basin in the sun as shown in the diagram below.



He observed that bubbles had formed on the sides of the basin. This showed that:-

- there is water in air
- there is air in water
- soil contains air
- water contains living organisms.

37. Which one of the following activities may **not** be done by learners when manipulating soil?

- Filling containers with soil.
- Making shapes using.
- Drawing trees on soil.
- Burning vegetation on soil.

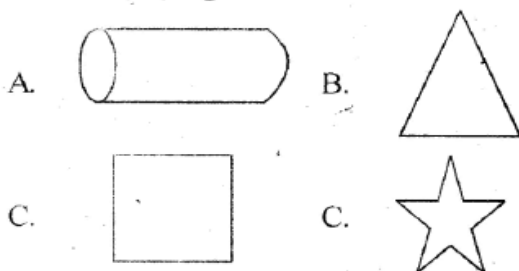
38. Which one of the following is **not** a characteristic of all animals?

- They remove waste.
- They live on land.
- They reproduce.
- They move in search of food.

39. Which one of the following is a reason for lighting a house?
 A. Feeling warm.
 B. Doing studies comfortably.
 C. Enabling pests to multiply.
 D. Making the rooms beautiful.
40. Which one of the following parts of a plant is **correctly** matched with its function?

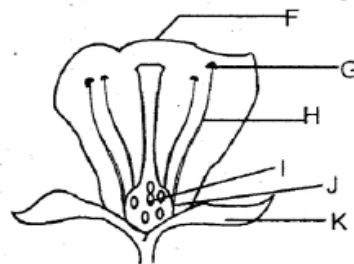
Part	Function
A. Stem	Getting water from the soil
B. Leaf	Supporting the plants parts
C. Flower	Reproducing new plants
D. Root	Losing excess water

41. For us to grow strong and healthy we should:-
 A. sleep for long hours
 B. eat alot of energy giving foods
 C. visit hospitals only when sick
 D. rest after heavy work.
42. Which one of the following shapes is the best for making wheels?



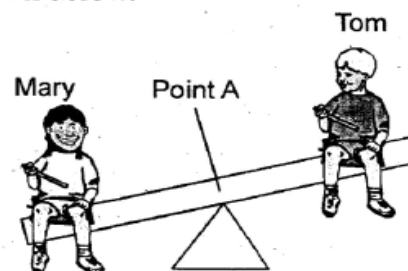
43. Which one of the following is **not** a good behaviour when having meals?
 A. Eating reasonable food at a time.
 B. Chewing food properly before swallowing.
 C. Talking with food in the mouth.
 D. Chewing food with mouth closed.
44. Which one of the following is the **main** reason for using tools safely? To:-
 A. make them last long
 B. prevent them from getting lost
 C. minimise the cost of replacing them
 D. prevent injuries.
45. Which of the following parts of the body are found on the leg?
 A. Knee and fingernails.
 B. Arm and toe.
 C. Foot and toe nail.
 D. Fingers and foot.

46. A pupil left a glass bottle outside in the field overnight. In the morning, he found that the bottle had formed water droplets on its outer surface. The process that took place was:-
 A. freezing B. condensation
 C. melting D. evaporation.
47. The diagram below shows parts of a flower



Which letters represent the anthers and the ovary **respectively**?

- A. G and J B. F and I
 C. G and I D. K and F
48. Which of the following signs and symptoms are common to malaria and tuberculosis infected persons?
 A. Coughing especially after waking up.
 B. Pain in the chest and upper back.
 C. Severe headache.
 D. Sweating.
49. Mary and Tom were balancing on a see-saw as shown below.



For them to balance:-

- A. Mary should move away from point A.
 B. Tom should move towards point A.
 C. both Tom and Mary should move towards point A.
 D. Mary should move towards point A.
50. Which one of the following processes require a decrease in temperature?
 A. Melting B. Expansion
 C. Freezing D. Evaporation