
STANDARD SIX MID-TERM 3 EXAMS

2016 SCIENCE

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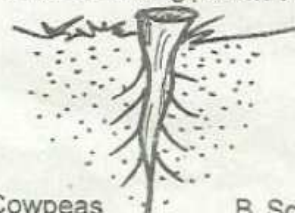
TIME: 1HR 40 MIN

- Which one of the following item **cannot** produce shadow?
A. Shiny spoon
B. Window pane
C. A mirror
D. Dark polythene paper
- Among the group, which materials will be used by pupils to make rollers?
A. Pencils, maize stalks, maize cobs
B. Match box, round sticks, maize cobs
C. Bottle top, maize grains, maize stalks
D. Maize cobs, matchbox, bottle top
- Three of the following are bad effects of moving air **except**
A. blowing soil away
B. felling trees
C. blowing off roofs
D. wind mills
- Which list given below consists of requirements of good health?
A. Food, rest, sleep, exercise
B. Rest, not doing work, medical care, sleep
C. Not eating a lot, rest, sleep, exercise
D. Food, medical care, idling, sleep
- Which one of the following is **not** a use of plants to human beings?
A. Fencing
B. Beauty
C. Furniture
D. Erosion
- Among the small animals given below which one is **correctly matched** with the way it protects itself from danger?
A. Coiling - snail
B. Running off - cockroach
C. Flying - flea
D. Stinging - mosquito

- Which one of the following is the **best** way of making water safe for drinking?
A. Filtering
B. Sieving
C. Decanting
D. Boiling
- Which one of the following statements is **true** about the tooth drawn below?



- They are the last to be shed
 - A human being has 8 such teeth on each jaw
 - They are found immediately after the molars
 - They are never shed
- Which one of the following is **not** a good behaviour when having meals?
A. Not talking with food in the mouth
B. Chewing food with mouth closed
C. Filling food in the mouth before starting to chew
D. Chewing food properly before swallowing
 - The type of root system drawn can be seen in one of the following plants. Which one?



- Cowpeas
C. Millet
 - Sorghum
D. Maize
- Which one of the following is **not** a problem related to teeth?
A. Gingivitis
B. Dental floss
C. Dental cavity
D. Tooth decay

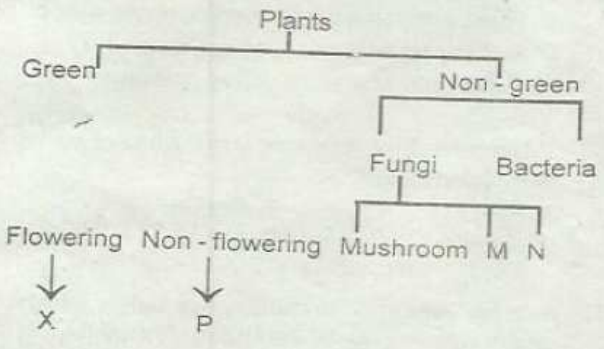
STD 6 SCIENCE

12. Which type of weed has green fruits when unripe but yellow when ripe?
 A. Black jack B. Pig weed
 C. Thorn apple D. Sodom apple
13. Which group of food crops consists of legumes only?
 A. Maize, millet, sorghum
 B. Wheat, beans, peas
 C. Beans, maize, groundnuts
 D. Green grams, peas, groundnuts
14. Which one of the following is most likely to be observed both at night and during the day?
 A. Moon and sun
 B. Moon and clouds
 C. Sun and sky
 D. Clouds and sun
15. The clouds that indicate heavy rainfall have three of the following characteristics **except**
 A. have flat base B. dark grey in colour
 C. cover the whole sky D. look like mountains
16. Which uses of water are **correctly** matched?

<u>Recreation</u>	<u>industries</u>
A. Making fountains -	mixing chemicals
B. Driving canoes -	cooling machines
C. Swimming -	skiing
D. Surfing	making fountains
17. Pupils collected garden soil, open plastic container and water. Which component of soil were they likely to be investigating?
 A. Air in soil
 B. Water in soil
 C. Humus in soil
 D. Minerals in soil
18. Which one of the following is a pair of only energy giving foods?
 A. Oranges and kales B. Beans and cowpeas
 C. Coffee and mutton D. Maize and rice
19. Three of the following are natural ways of lighting of house. Which one is not?
 A. Opening windows
 B. Opening doors
 C. Translucent roof
 D. Electricity
20. Which of the following should be changed to make objects that sink to float on water?
 A. Shape B. Size
 C. Weight D. Type of material

21. In human breathing system, in which part is air cleaned and dust particles removed?
 A. Air sac and nose
 B. Diaphragm and alveoli
 C. Nose and trachea
 D. Bronchioles and lungs
22. The **most** expensive method of grazing is ____
 A. strip grazing B. paddocking
 C. zero feeding D. tethering
23. Absorption of digested food in the digestive system takes place at the ____
 A. mouth B. stomach
 C. colon D. small intestine
24. The following are stages of HIV and AIDS
 i) *Window stage*
 ii) *Full brown*
 iii) *Assymptomatic stage*
 iv) *Symptomatic stage*
 Which list consists of the second and last respectively?
 A. i and ii B. iii and ii
 C. iii and iv D. iv and ii
25. Three of the following are ways of maintaining simple tools. Which one is **not**?
 A. Cleaning after use
 B. Oiling and greasing
 C. Sharpening cutting tools
 D. Proper use of tools

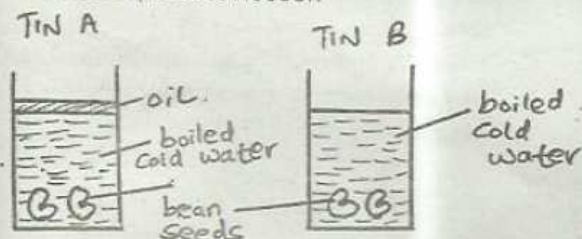
26. The chart below shows classification of plants.



Which plants can be used to replace letters **x, p, m** and **n** respectively?
 A. Maize, millet, pine, moulds
 B. Sugarcane, carrot, cedar, cypress
 C. Kales, moss, puffballs, yeas
 D. Sunflower, onion, penicillium, mushroom

27. Which pair of plants stores food in the roots?
- Onion and sugarcane
 - Carrots and arrowroots
 - Sugarcane and irish potato
 - Cabbage and yams
28. The gas used by plants during the process of re:piration is _____
- nitrogen
 - rare gases
 - carbon dioxed
 - oxygen
29. Which one of the following uses of water is not practised in the farm?
- Irrigation
 - Mixing fountains
 - Mixing chemicals
 - Keeping fish
30. Which one of the following is not an importance of HIV and AIDS testing?
- To know ones status
 - To overcome fear
 - To campaign for HIV and AIDS
 - To decide on marriage
31. Which one of the following is not a communicable disease?
- Whooping cough
 - Tetanus
 - Tuberculosis
 - Malaria
32. In which part of a flower does germination of pollen grains take places
- | | |
|------------|----------|
| A. anthers | B. ovary |
| C. stigma | D. style |

33. The diagram below shows a set - up during a science practical lesson



Which statement is true?

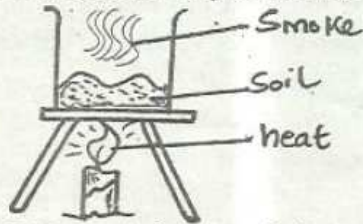
- Beans seeds in tin A and B germinate
 - Beans seed in tin A and B did not germinate
 - Beans seed in tin A germinate but bean seed in tin B did not germinate
 - Beans of tin B germinated but in tin A did not
34. The following are stages of fertisation in a flowering plant. Which one comes last?
- Pollination
 - Growth of pollen tube
 - Fertilization
 - Formation of pollen tube
35. The most effective method of controlling the spread of tuberculosis is by _____
- vaccination
 - treating
 - avoiding overcrowded places
 - taking a balanced diet
36. Which one of the following types of human teeth is correctly matched with its function?
- | <u>Teeth</u> | <u>Function</u> |
|--------------|-----------------------|
| A. Incisors | tearing and cutting |
| B. Canines | tearing and crushing |
| C. Premolars | cutting and grinding |
| D. Molars | crushing and grinding |
37. Which of the following are as a result of increase in temperature?
- Melting and condensation
 - Freezing and melting
 - Evaporation and melting
 - Evaporation and contraction
38. In which parts of the digestive system does digestion start and end respectively?
- Mouth and stomach
 - Small intestine and large intestines
 - Mouth and small intestine
 - Duodenum and rectum

STD 6 SCIENCE

39. Which weather instrument uses the principal that air expands when heated?

- A. Liquid thermometer
- B. Rain gauge
- C. Air thermometer
- D. Windvane

40. The diagram below shows some soil that was heated during a science practical lesson



Which component of soil was being investigated?

- A. Humus in soil
- B. Living thing in soil
- C. Air in soil
- D. Water in soil

41. Fibre in the diet is included to

- A. help in constipation
- B. help in emptying bowel
- C. help in digestion
- D. help in formation of blood

42. Non conductors of heat can be used to make

- A. electric cables
- B. cooking pan handles
- C. sufurias
- D. electric iron

43. The transfer of heat through a vacuum is by

- A. conduction
- B. convection
- C. radiation
- D. expansion

44. Which one of the following meals will be suitable to a child suffering from kwashiorkor?

- A. Maize and beans
- B. Meat and eggs
- C. Kales and cabbages
- D. Maize and millet

45. Three of the following are special sounds **except**

- A. Baby crying
- B. Hooting
- C. Ambulance siren
- D. Football whistle

46. Soil that has the highest capillarity also

- A. has best drainage
- B. retains a lot of water
- C. is good for farming
- D. is found on the river beds

47. Three of the following are disadvantages of weeds. Which one is **not**?

- A. They compete for food with plants
- B. They are expensive to control
- C. Some are food for the farmers
- D. They keep pests

48. Which one of the following materials will float on water?

- A. Rubber
- B. Copper
- C. Stone
- D. Needle

49. Anaemia is mainly caused by

- A. Lack of vitamins
- B. Lack of balanced diet
- C. Lack of iron
- D. Lack of enough food

50. Which one of the following is **true** about gases?

- A. They have definite shape but indefinite mass
- B. They have indefinite shape but definite mass
- C. They have both indefinite mass and volume
- D. They have definite mass but indefinite volume