

STD 6 - YEAR 2016

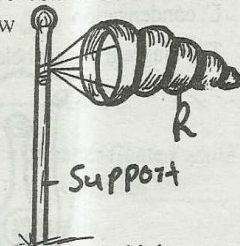
SCIENCE

TIME: 1HR. 40MINS

HOW TO USE THE ANSWER SHEET

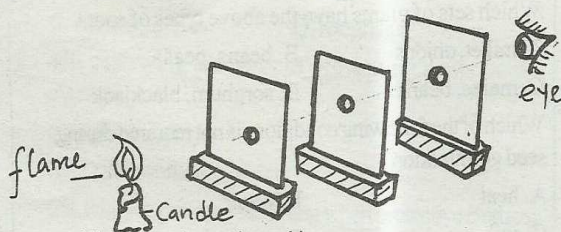
1. Use only an ordinary pencil.
2. Make sure that you have written on the answer sheet:
(i) YOUR NAME (ii) NAME OF THE SCHOOL
3. For each question show the correct answer by drawing a line in the bracket in which the letter you have chosen is written

1. The following are ways in which heat is transmitted. Which one is Not
A. conduction B. refraction
C. convection D. radiation
2. Which one of the following is a physical change in girls only during adolescence
A. The hips become larger and soft
B. The voice deepens
C. Some experiences wet dreams
D. Chest broadens
3. Lilian a std 6 wanted to construct a weather instrument as shown below



Which of the following materials would she use to make the part labelled R

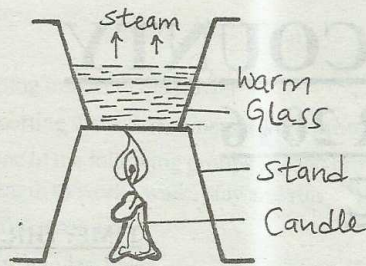
- A. metal sheet B. mosquito net
C. polythene sheet D. manilla paper
4. Which one of the following methods is a modern way of preserving food
A. smoking B. using honey
C. salting D. canning
 5. The diagram below represent a set up that is used to investigate a certain aspect of light



The aspect investigated is

- A. refraction
B. refraction of light

- C. passage of light through materials
D. light travels in a straight line
6. Which one of the following diseases can be prevented by wearing gumboots and gloves when working in a swampy area
A. Cholera B. Bilharzia
C. Malaria D. Typhoid
 7. Which of the following pair of foods consists of cash crops only
A. sunflower, tea B. sisal, banana
C. maize, cassava D. groundnuts, cotton
 8. The third stage of HIV/AIDS infection is
A. Asymptomatic B. Symptomatic
C. Incubation D. Full blown
 9. Which of the following animals have constant body temperature?
A. Chamelion B. Turtle
C. Ostrich D. Shark
 10. The following are found in the solar system. Which one is NOT
A. mercury B. sun
C. moon D. neptune
 11. The following characteristics are true about clay soil which one is **not**? It has
A. has fine texture B. small particles
C. high capirallity D. high drainage
 12. Which one of the following is a reason for lighting a house
A. to get warmth B. to dry our clothes
C. to discourage pests D. to iron our clothes
 13. The following are immunizable diseases Which one is immunized immediately after birth?
A. Polio B. Tetanus
C. Measles D. Whooping cough
 14. The diagram below represent a set up that is used to demonstrate a certain process



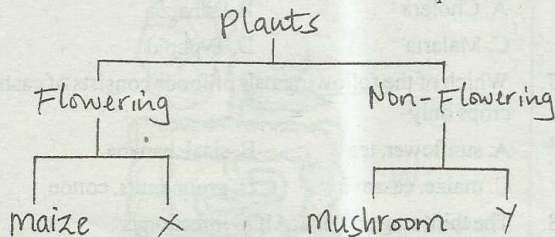
The process being investigated is

- A. convection B. conduction
C. evaporation D. condensation

15. Which one of the following problems is NOT a tooth related problem?

- A. bad smell B. cavities
C. swollen lips D. bleeding gums

16. The chart shown below is classification of plants



Which plant are likely to fit in letters marked x and y respectively

- | | |
|-------------|------------|
| X | Y |
| A. beans | fem |
| B. livewort | pine |
| C. onion | bean |
| D. tomato | sukumawiki |

17. The following are characteristics of planets

- (i) It is fourth smallest planet
(ii) It is near the earth than mercury
(iii) It is brighter than mercury
(iv) It has a beautiful ring

Which statement above is NOT true about planet venus

- A. iv B. iii
C. ii D. i

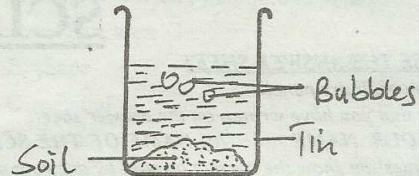
18. Which one of the following is a method of controlling weeds

- A. making holes around the crops
B. uprooting
C. planting trees around the garden
D. watering crops

19. The following are parts of the breathing system except one. Which one is it?

- A. Bronchus B. Diaphragm
C. Lungs D. Liver

20. Stacy of Ongoro took some fresh garden soil and added some water in it as shown below



After some time she noticed some bubbles. This was to show that

- A. soil has air B. soil has humus
C. soil has small animals D. soil has water

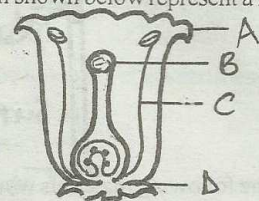
21. Which one of the following is a poor conductor of heat

- A. ruler B. cooking pan
C. sufuria D. metallic spoon

22. Which one of the following is NOT an effect of heat on matter

- A. evaporation B. reflection
C. condensation D. melting

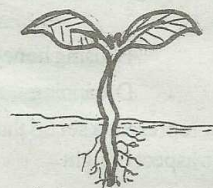
23. The diagram shown below represent a flower



Which part labelled A, B, C, D protects the flower in bud

- A. B B. C D. A D. D

24. The diagram below shows a type of a plant root



Which sets of plants have the above types of roots

- A. millet, onions B. beans, peas
C. maize, beans D. sorghum, blackjack

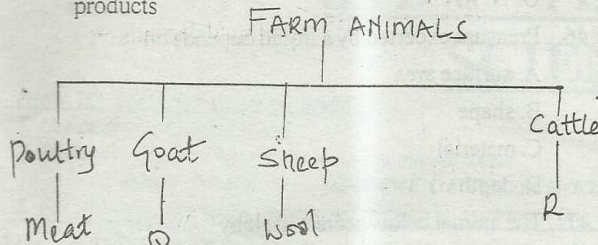
25. Which of the following conditions is not required during seed germination

- A. heat B. water
C. soil D. oxygen

26. Which one of the following is NOT an immunizable disease

- A. polio
C. malaria
- B. TB
D. measles

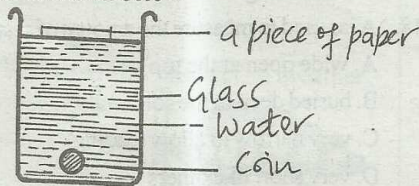
27. The chart below shows some farm animals and their products



Which products are represented by Q and R

- | | |
|-----------|--------|
| Q | R |
| A. milk | milk |
| B. milk | mutton |
| C. mutton | milk |
| D. egg | beaf |

28. A pupil took a coin and a paper. He placed them on top of water as shown below



He discovered that the piece of paper floated while the coin sank. This was due to difference in _____

- | | |
|----------|--------------|
| A. shape | B. materials |
| C. size | D. weight |
29. Which one of the following is a source of heat
- | | |
|---------------|----------|
| A. lamp | B. fire |
| C. glow worms | D. torch |
30. Which one of the following animals is NOT an insect
- | | |
|-----------|---------------|
| A. spider | B. bee |
| C. locust | D. tsetse fly |
31. A balanced diet consist of the following constituents except
- | | |
|------------------|-------------|
| A. proteins | B. water |
| C. carbohydrates | D. roughage |
32. The following are ways of preventing water borne diseases
- (i) Boiling water
 - (ii) Paper sanitation
 - (iii) Wearing protective clothing when protective clothing when handling stagnant water
 - (iv) Broper hygiene

Which one can be used to prevent Bilharzia?

- | | |
|-------|--------|
| A. i | B. iv |
| C. ii | D. iii |

33. The following are effects of HIV/AIDS infection. Which one is NOT

- A. loss of beloved ones in our family
- B. school dropouts due to lack of fees
- C. increased wealth in the family
- D. loneliness in homes

34. Which one of the following planets is correctly matched with its position from the sun?

planet	position
A. Mars	6
B. Saturn	5
C. Uranus	7
D. Jupiter	8

35. The type of teeth shown below is known as



- | | |
|-------------|--------------|
| A. incisors | B. premolars |
| C. canine | D. molar |

36. The absorption of water and mineral salt in the body takes place in the

- | | |
|----------|------------|
| A. Ilium | B. Alveoli |
| C. Colon | D. Stomach |

37. Which one of the following is a method of making water safe for drinking

- | | |
|--------------|---------------------|
| A. filtering | B. keeping in a pot |
| C. boiling | D. warming |

38. Which one of the these is NOT a way of maintaining all simple tools

- | | |
|-------------------|-------------------------|
| A. proper storage | B. cleaning after use |
| C. proper use | D. sharpening regularly |

39. This type of soil erosion as shown below is

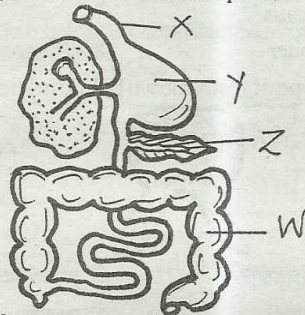


- | | |
|------------------|-------------------|
| A. gully erosion | B. splash erosion |
| C. water erosion | D. sheet erosion |

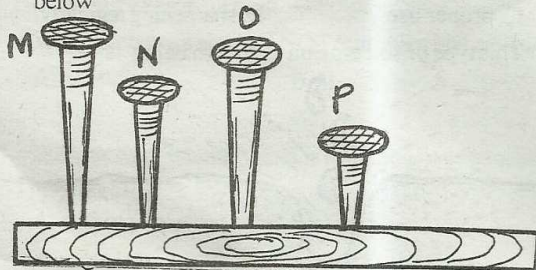
40. The following are functions of the stem except

- A. storing food
- B. transporting food from the leaves

- C. attracting insects to the flower
 D. transporting water and minerals from the roots
41. Which one of the following groups of food provide us with strength to work, walk, play and run
 A. beef, fish, termite
 B. lemon, oranges, kales
 C. tomatoes, beans, green grains
 D. cassava, sugarcane, honey
42. Using water to make pulp is use of water
 A. at home
 B. for recreation
 C. in industries
 D. in farms
43. Use the diagram below to answer question 43-44



- Digestion of protein takes place in the part marked
 A. X
 B. Y
 C. W
 D. Z
44. The part marked W, X are called __ and __ respectively
 A. pancreas, liver
 B. stomach, colon
 C. colon, gullet
 D. gullet, bronchus
45. Std 5 pupils fixed nails on a piece of wood as shown below



- Which nail produced the lowest and the highest sounds respectively
 A. N, O
 B. P, O

- C. M, P
 D. N, M
46. Pressure exerted by a liquid depends on
 A. surface area
 B. shape
 C. material
 D. depth
47. The animal below protect itself by



- A. pricking
 B. stinging
 C. coiling
 ---D. folding
48. A jar used to measure the amount of rainfall should be
 A. wide open at the top
 B. buried deep in the soil
 C. very narrow to allow reading
 D. very short like others
49. Animals have the following characteristics except
 A. they feed
 B. they do not die
 C. they reproduce
 D. they move
50. HIV and AIDS can be spread through the following except
 A. blood transfusion
 B. sexual intercourse
 C. shaking hands
 D. sharing cutting tools