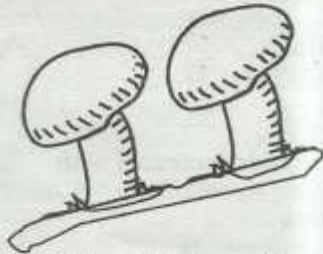


STANDARD 7 MID TERM 2 EXAM 2019

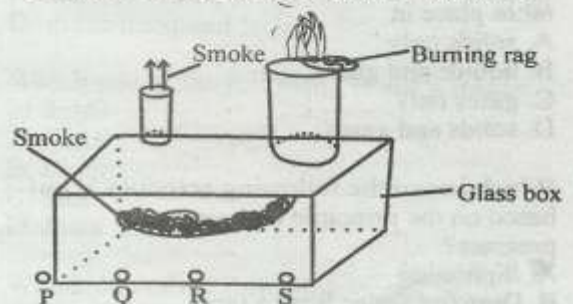
SCIENCE

- Which one of the following groups of animals consists of reptiles **only**?
A. Crocodile, lizard, newt, turtle
B. Platypus, bat, turtle, snake
C. Turtle, lizard, crocodile, snake
D. Salamander, newt, turtle, snake
- Which of the following components of blood transports digested food?
A. Plasma
B. Red blood cells
C. White blood cells
D. Platelets
- Endosperm is useful to young maize plants because it
A. is green in colour
B. stores food for growth
C. grows into new shoot
D. allows entry of water and air into the seeds
- Which one of the following plants is green but non-flowering?
A. Sisal
B. Onion
C. Fir
D. Toadstool
- The following are ways through which small animals protect themselves against danger **except**
A. stinging
B. coiling
C. hopping
D. running
- The diagram below shows a certain plant.



- Which one of the following statements is **true** about the plant? It
- makes its own food.
 - is used to make medicines.
 - is a decomposer.
 - depends on other plants.

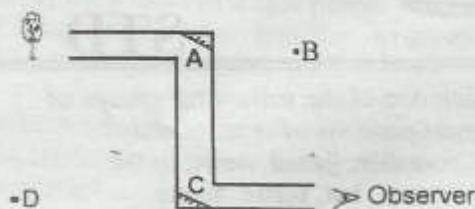
- The following are methods of grazing. Which one of them is **least** expensive to practice?
A. Zero grazing
B. Tethering
C. Paddock grazing
D. Strip grazing
- Std 6 pupils listed down some methods of food preservation on follows:
(i) Canning
(ii) Freezing
(iii) Refrigeration
(iv) Drying
Which pair of the methods involves the use of low temperature?
A. (ii) and (iii)
B. (i) and (iv)
C. (i) and (ii)
D. (ii) and (iv)
- Three of the following are physical changes that occur in boys during adolescence. Which one is **not**?
A. Development of pimple on the face.
B. Experiencing of wet dreams.
C. Enlargement of hips.
D. Development of deep voice.
- The diagram below shows a set up that can be used to demonstrate heat transfer in air.



- For the demonstration to work, a burning candle should be placed at
- P
 - Q
 - R
 - S

11. Which one of the following drugs is inhaled?
 A. Bhang
 B. Cigarette
 C. Glue
 D. Heroin
12. Which of the following nutrition elements are necessary for the formation of bones and teeth in a child?
 A. Calcium, sodium, iron
 B. Vitamin A, B and E
 C. Carbohydrates, fats, proteins
 D. Calcium, phosphorous, vitamin D
13. A coin in a bucket of water appears raised than it is because of
 A. refraction of light
 B. dispersion of light
 C. reflection of light
 D. diffraction of light
14. Which one of the following materials can be used to model clouds?
 A. Charcoal
 B. Mud
 C. Cotton wool
 D. Manilla paper
15. Which one of the following pairs **only** consists of animals that have hairy body?
 A. Crocodile and hippopotamus
 B. Giraffe and shark
 C. Bat and whale
 D. Kingfisher and toad
16. Which one of the following statements is **true** about heat transfer by convection? it takes place in
 A. solids only
 B. liquids and gases
 C. gases only
 D. solids and gases
17. Which one of the following activities is **not** based on the principle that air exerts pressure?
 A. Siphoning
 B. Drawing water from a tap
 C. Drawing water using a straw
 D. Releasing the neck of an inflated balloon

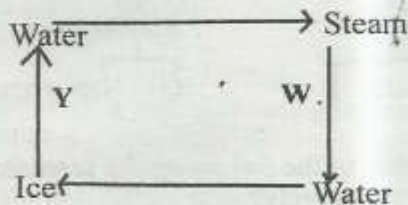
18. Which one of the following points shows the **correct** image position of the tree when the periscope is in use?







19. Which of the following practices is the **best** in controlling soil erosion on a steep slope?
 A. Constructing terraces
 B. Building gabions
 C. Mulching
 D. Leaving piece of land uncultivated.
20. Which one of the following deficiency diseases is **not** correctly matched with its symptoms?
- | Diseases | Symptoms |
|----------------|-----------------------------------|
| A. Kwashiorkor | Sores at the corners of the mouth |
| B. Anaemia | Difficulty in breathing |
| C. Rickets | Soft and weak bones |
| D. Marasmus | Swelling of body parts |
21. Your friend is addicted to a dangerous drug. Which one of the following would you advise him **not** to do?
 A. To take harmless substances whenever he feels like taking drugs.
 B. To talk to his parents about the addiction.
 C. To stay away from the people who are taking drugs.
 D. To take the drug secretly.
22. Which one of the following is **not** a good conductor of heat?
 A. Copper
 B. Aluminium
 C. Graphite
 D. Iron
23. Pressure in liquids increases with
 A. depth
 B. surface area
 C. height
 D. volume

24. Which one of the following lists consists of substances which have no definite shape but have a definite size?
 A. Paper, firewood, pencil
 B. Air, smoke, water vapour
 C. Toothpaste, water, kerosene
 D. Ice, wood, diesel
25. Which one of the following is **not** caused by force?
 A. Stopping objects from moving.
 B. Making objects to change directions.
 C. Making objects to change state.
 D. Making objects to change their shapes.

Use the diagram below to answer the question below



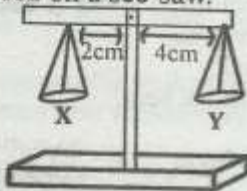
26. W represents the process of
 A. freezing
 B. condensation
 C. evaporation
 D. melting
27. Which one of the following crop pests is not a storage pest?
 A. Aphid
 B. Mouse
 C. Rat
 D. Weevil
28. Which one of the following types of teeth **does not** undergo shedding?
 A.  B. 
 C.  D. 
29. The following are examples of carnivorous plants **except**
 A. sundew
 B. oxalis
 C. venus fly trap
 D. pitcher plant
30. When light passes through transparent media of different densities, it is
 A. reflected
 B. absorbed
 C. refracted
 D. stopped

31. Clay soil has the highest capillarity. This is due to
 A. its colour
 B. its texture
 C. the size of its particles
 D. the amount of air
32. Which one of the following is **not** part of the solar system?
 A. Moon
 B. Sun
 C. Planets
 D. Craters
33. Which one of the following **does not** affect floating and sinking of an object?
 A. Shape
 B. Size
 C. Weight
 D. Density
34. Bile juice in human body is produced by the
 A. duodenum
 B. pancreas
 C. liver
 D. gall bladder
35. The following statements are true about all states of matter **except** that they
 A. have a definite shape
 B. occupy space
 C. expand on heating
 D. have mass
36. The reason why coloured water is used in a liquid thermometer is to
 A. increase its density
 B. make it absorb more heat
 C. make it visible
 D. make it expand faster
37. Which one of the following is **not** a source of light?
 A. Firefly
 B. Moon
 C. Sun
 D. Stars
38. Which one of the following weeds has yellow flowers and produces black seeds?
 A. Blackjack
 B. Oxalis
 C. Wandering jew
 D. Mexican marigold

39. Which one of the following vaccines is given to a child in form of oral drops?
 A. Antipolio B. BCG
 C. DPT D. Anti-measles
40. Kilogram is a unit for measuring
 A. mass B. weight
 C. force D. volume
41. Which one of the following is **not** a way of preventing waterborne diseases?
 A. Boiling water
 B. Proper cooking of food
 C. Treatment of water
 D. Proper sanitation

42. The following are ways in which plants and animals depend on each other:
 (i) *Decomposition on death*
 (ii) *Oxygen*
 (iii) *Medicine*
 (iv) *Carbon dioxide*
 (v) *Food*
 (vi) *Pollination*
 Which list consists of ways in which most plants depend on animals?
 A. (i), (ii), (iii)
 B. (iii), (iv), (vi)
 C. (i), (iv), (vi)
 D. (ii), (iii), (v)

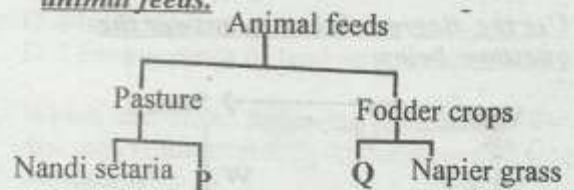
43. The diagram below shows two weights balanced on a see-saw.



- Which one of the following statements is **true** about the set up?
 A. Load Y is heavier than load X
 B. The weight of load Y is twice the weight of load X
 C. Load X is equal to load Y
 D. The weight of load X is twice the weight of load Y
44. Three of the following are reasons for HIV and AIDS testing. Which one is **not**? To
 A. campaign against the spread of HIV & AIDS
 B. change behaviour
 C. decide on marriage
 D. enable one to take the test without fear

45. Which one of the following is **not** a method of maintaining farm tools?
 A. Cleaning the movable parts.
 B. Storing tools in a safe place.
 C. Repairing broken handles.
 D. Cleaning tools after use.
46. Which one of the following diseases **cannot** be controlled by maintaining proper hygiene?
 A. Malaria B. Bilharzia
 C. Typhoid D. Cholera

The chart below shows classification of animal feeds.



47. Which one of the following can represent P and Q respectively?

P	Q
A. Guatemala grass	Kikuyu grass
B. Clover	Liverworts
C. Hay	Silage
D. Rhodes grass	Maize stalks
48. A liquid thermometer should have all the following to improve its efficiency. Which one is **not** necessary?
 A. Thick glass bottle B. Narrow tube
 C. Clear scale D. Tight cork
49. The circulatory system is made up of the
 A. lungs, blood vessels and heart
 B. heart, blood vessels and valves
 C. the heart, blood and blood vessels
 D. blood, platelets, blood vessels
50. The diagram below shows an experiment set up by class 4 pupils by mixing soil and water. They shook then allowed it to settle.



- What were they investigating?
 A. Soil composition B. Soil fertility
 C. Water retention D. Soil drainage