

STANDARD EIGHT MID TERM 1 EXAMS-2019

SCIENCE

- You have been given this question paper and a separate answer sheet. The question paper contains 50 questions.
- Make sure that you have written on the answer sheet

(i) Your name

(ii) Name of your school

TIME: 1HR 40MINS

- Which one of the following is **not** a water borne disease?

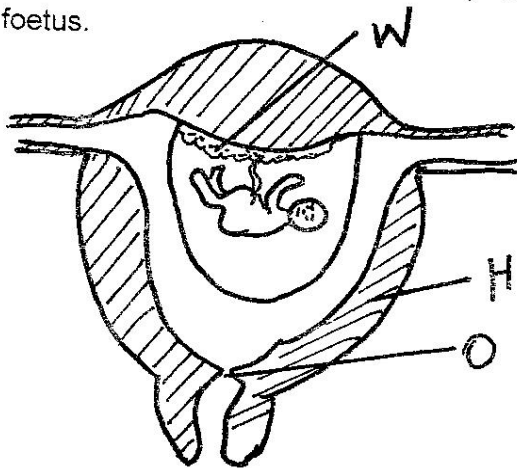
- A. Bilharzia
- B. Cholera
- C. Anaemia
- D. Typhoid

- Which one of the following parts of maize grain is **not correctly** matched with its function?

Part **Function**

- A. Plumule - Develops into shoot
- B. Radicle - Protects inner part of seeds
- C. Endosperm - Stores food
- D. Cotyledon - Provide food for the embryo

- The diagram below shows the development of a foetus.

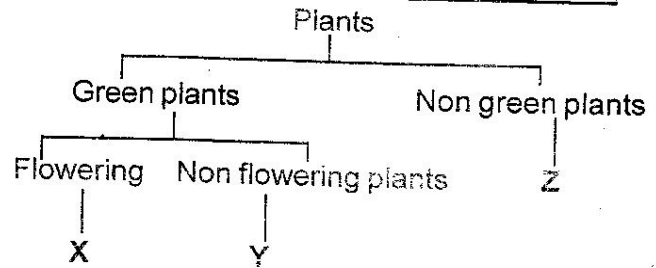


The parts labelled W, H, O in the diagram drawn above are _____.

W **H** **O**

- A. Placenta Foetus Cervix
- B. Placenta Uterine wall Cervix
- C. Foetus Placenta Birth canal
- D. Foetus Cervix Ovary

Use the diagram below for question 4



- Which plants can we put in X, Y and Z respectively?

- | <u>X</u> | <u>Y</u> | <u>Z</u> |
|----------|----------|----------|
| A. Mould | Bean | Moss |
| B. Bean | Moss | Mould |
| C. Moss | Bean | Mould |
| D. Maize | Bean | Moss |

- Which one of the following processes can be used to separate a mixture of soil, salt and iron fillings?

- A. Magnetism → Decanting → Filtration → Evaporation
- B. Magnetism → Dissolving → Filtration → Evaporation
- C. Dissolving → Decanting → Magnetism → Evaporation
- D. Dissolving → Magnetism → Filtration → Evaporation

- The following are activities that pollute the environment.

- (i) **Burning charcoal in closed room**
- (ii) **Oil spillage from tankers**
- (iii) **Using diesel as fuel in vehicles**
- (iv) **Dumping vegetable waste**

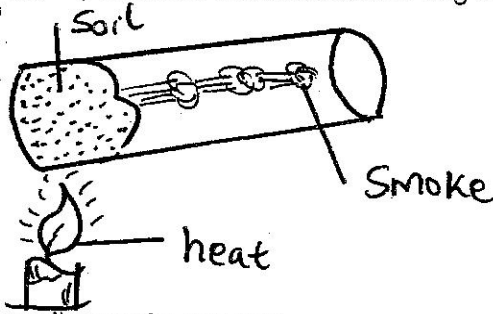
Which ones pollute air?

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

7. Below are adaptations of a certain plant.
 (i) **Increased number of stomata**
 (ii) **Large flat leaves**
 (iii) **Thin cuticle**
 (iv) **Air sacs**

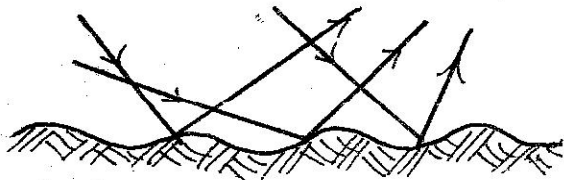
Which of the following plants has got the above adaptations?

- A. Water hyacinth
 B. Maize and rice
 C. Baobab and sisal
 D. Arrow roots and water lily
8. A pupil put soil particles in a tube and heated strongly. It produced smoke and a strong smell.



The pupils was investigating _____.

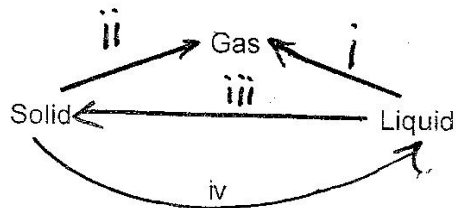
- A. that soil contains humus
 B. presence of air in soil
 C. presence of moisture in soil
 D. soil texture
9. Which one of the following pairs contains only macro nutrient?
 A. Copper, boron B. Calcium, magnesium
 C. Chlorine, boron D. Iron, molydenum
10. Which one of the following **correctly** represents the path taken by food from the oesophagus?
 A. Ileum → Colon → Stomach → Rectum → Anus
 B. Stomach → Ileum → Colon → Rectum → Anus
 C. Colon → Stomach → Ileum → Rectum → Anus
 D. Stomach → Colon → Ileum → Rectum → Anus
11. Class six pupils observed that objects with rough surfaces reflected light in different directions. This is called _____.



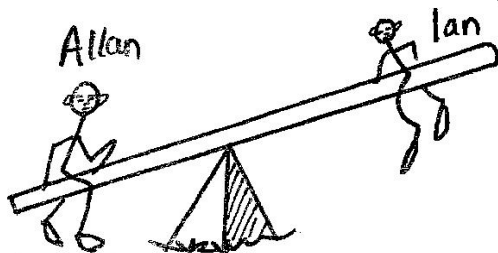
- A. refraction
 B. reflection
 C. irregular (diffuse) refraction
 D. regular reflection

12. Three of the following are ways of increasing friction **except**.
 A. increasing weight of the pressing surfaces
 B. smoothening surfaces
 C. making surface rougher
 D. retreading
13. The following are importance of HIV testing. Which one is **not**?
 A. To share piercing objects
 B. To change behaviour
 C. To decide on marriage
 D. To overcome fear
14. The following are symptoms of using a certain drug.
 (i) **Loss of appetite**
 (ii) **Mouth and stomach ulcers**
 (iii) **Constipation**
 The drug is **likely** to be _____.
 A. mandrax B. alcohol
 C. bhang D. miraa
15. The following are ways of naturally lighting a house **except**.
 A. using translucent roofs
 B. using windows to let in light
 C. opening doors
 D. using lamps
16. Which one of the following is **not** a requirement for maintaining strong teeth?
 A. Eat foods such as fruits, vegetables, whole grains and raw carrots
 B. Avoid eating sugary foods
 C. Brush your teeth regularly and properly
 D. Visit a dentist irregularly for teeth check up
17. Which are the nearest and farthest planets from the sun respectively?
 A. Mercury and Saturn
 B. Jupiter and Mars
 C. Mercury and Neptune
 D. Venus and Uranus
18. It is **true** to say that _____.
 A. liver stores bile juice
 B. absorption of digested food takes place in the ileum
 C. water and mineral salts are not absorbed in the body
 D. undigested food material is absorbed in the colon

19. All the following are components of blood except.
- A. platelets B. blood vessels
C. red blood cells D. plasma
20. Which one of the following is not true about farmyard manure?
- A. Results in high growth rate of crops
B. It leads to high crop yields which are good
C. It supplies specific nutrients to the soil
D. It improves the soil fertility
21. The processes represented by (i) and (ii) are _____ and _____ respectively.

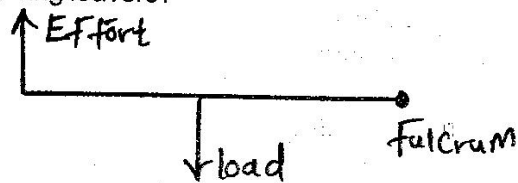


- A. melting and freezing
B. freezing and evaporation
C. evaporation and freezing
D. condensation and melting
22. Which one of the following is not a way of maintaining simple tools?
- A. Oiling
B. Storing properly
C. Proper use
D. Cleaning before use
23. For Ian to balance Allan, Ian should _____.



- A. sit at the fulcrum
B. tell Allan to move further from the pivot
C. move closer to the pivot
D. move further away from the pivot
24. Which one of the following is a way of using water sparingly?
- A. Cleaning the floor with water that had washed clothes
B. Directing rain water to a tank
C. Repairing leaking taps and pipes
D. Treating sewage water to make it good for use again

25. Which one of the following is not an electric appliance?
- A. Electric iron B. Television
C. Lightning conductor D. Emersion heater
26. The below arrangement is found in which of the following leavers?



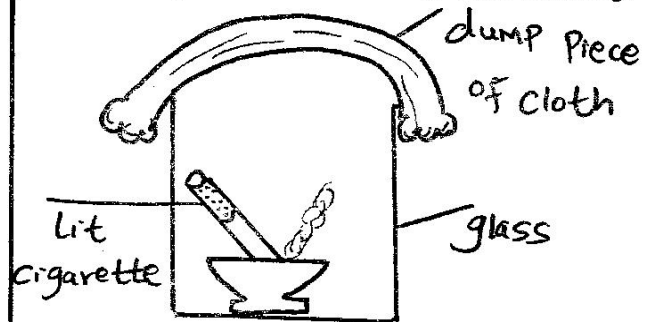
- A. Crowbar B. Claw hammer
C. Wheelbarrow D. Spade
27. Which one of the following does not take place in the nose during breathing in?
- A. Air is moistened
B. Air is absorbed into the body
C. Air is cleaned
D. Air is warmed
28. Which one of the following is correctly matched with its function?
- A. Womb - Passage of urine
B. Oviduct - Produce sperms
C. Ovary - Produces ova
D. Testis - Passage of sperms
29. What type of food is made by cutting up green materials and then compressing to get rid of air?
- A. Concentrates B. Roughage
C. Commercial feeds D. Silage
30. Drugs taken to heal diseases are called _____.
- A. sedatives B. antibiotics
C. vaccines D. hallucinogen
31. Which one of the following is not an example of drug abuse?
- A. Taking more of a drug than recommended
B. Taking drugs to induce sleep
C. Taking medicinal drugs which have been prescribed for someone else
D. Taking prescribed medicinal drugs for a long time
32. Cirrhosis is a disease of the liver caused by _____.
- A. alcohol B. heroine
C. tobacco D. miraa
33. Which one of the following characteristics is common in both amphibians and reptiles?
- A. Have scales
B. Are warm blooded
C. Give birth to live young ones
D. Both lay eggs

34. Which one of the following activities is light energy useful?
 A. Warming the room B. Melting ice
 C. Seed germination D. Photosynthesis
35. The extent to which a type of soil feels smooth or rough is referred to as _____.
 A. soil texture B. water retention ability
 C. drainage D. soil capillarity
36. Which one of the following food preservation methods **does not** withdraw water from food?
 A. Refrigeration B. Salting
 C. Drying D. Use of honey
37. Which one of the following groups of crops consists of cereals only?
 A. Beans, peas, kundu, millet
 B. Maize, beans, wheat, rice
 C. Maize, wheat, kales, peas
 D. Maize, rice, wheat, millet
38. Which one of the following characteristics of matter is common in all the three states of matter?
 A. Have definite size
 B. Quantity of matter is constant
 C. Have definite volume
 D. Have definite shape
39. Choose one group which consists of common communicable diseases?
 A. Malaria and tuberculosis
 B. Cholera and tetanus
 C. Measles and typhoid
 D. Typhoid and tetanus
40. Which one of the following ratios **correctly** shows part of red blood cells to that of white blood cells respectively?
 A. 6:1 B. 600:1
 C. 1:6 D. 1:600
41. Which group of the following contains only factors that affect floating and sinking?
 A. Size, shape and type of material
 B. Weight, colour and size
 C. Shape, weight and size
 D. Shape, type of material and weight
42. A beam balance is used for measuring _____.
 A. weight B. height
 C. mass D. volume
43. Which one of the following is **not** a use of heat?
 A. Warming B. Lighting
 C. Drying D. Ironing

44. Which one of the following types of cloud signify the coming of rain within a short time?
 A. Nimbus and cirrus
 B. Cumulus and nimbus
 C. Stratus and cumulus
 D. Cirrus and stratus

45. Which one of the following is **not** a way of controlling human intestinal worms?
 A. Deworming irregularly
 B. Proper cooking
 C. Washing raw foods
 D. Proper sanitation

46. Class 7 pupils used the experiment below to investigate the effects of cigarette smoking.



Which substance was formed on the damp cloth?

- A. Nicotine B. Tar
 C. Smoke D. Ash
47. Which one of the following is **not** the **correct** order of phases of the moon?
 A. Crescent, first quarter, gibbous, full moon
 B. First quarter, gibbous, crescent, full moon
 C. Gibbous, full moon, gibbous, last quarter
 D. Full moon, gibbous, last quarter, crescent
48. Digestion within the alimentary canal takes place in the following **except**.
 A. duodenum B. small intestine
 C. colon D. mouth
49. Which diseases are immunised to the infant at the age of 14 weeks?
 A. Tetanus and yellow fever
 B. Polio and measles
 C. Marasmus and diphtheria
 D. Hepatitis and tetanus
50. Which pair of physical changes is common in boys only?
 A. Pimples on the face and ovulation
 B. Muscle development and menstruation
 C. Growth of pubic hair and deepening of voice
 D. Hips widen and breast enlarges