

Class 8 science

2017 revision questions

1. When several young ones are born at the same time to the same mother, they are known as.... ?

- A. twins B. litter
- C. Multiple children D. brothers

2. Non-smokers who inhale the smoke unintentionally are called..... .

- A. silent smokers B. smoke inhalers
- C. non-smoking zones D. passive smokers

3. Our sense organs detect various changes in the environment. Which one of the following is not detected by the skin?

- A. Pain B. Temperature
- C. Bitterness D. Heat

4. How many times is the O.P.V given to infants?

- A. Once B. Thrice
- C. Four D. Twice

5. The following are myths about HIV and AIDS. Which one is not?

- A. HIV and AIDS is real and kills
- B. Wife inheritance cannot lead to HIV and AIDS
- C. HIV and AIDS is a curse against immorality
- D. HIV and AIDS can be cured by herbal doctors

6. The food chain below was observed in grassland

Grass → hyena → bacteria

Which organism had the highest number of members?

A. Bacteria B. Buffalo

C. Hyena D. Grass

7. When fodder is conserved in a pit, it remains in a succulent form. This kind of fodder is referred to as?

A. hay B. concentrates

C. pasture D. silage

8. The following are advantages of stall feeding except?

A. animals are more productive

B. movement is limited thus animal do not get tired

C. no huge expenses on feeding and water supply

D. animals can be observed from close quarters

9. The diseases listed below are immunisable. Which is not?

A. Typhoid B. Tuberculosis

C. Polio D. Malaria

10. A mixture of two solids can be separated by the following methods except?

A. decanting B. sieving

C. picking D. winnowing

11. Which one of the following is not a renewable source of energy?

A. Wind B. Sun

C. Diesel D. Biogas

12. Which one of the following pairs consists of substances which have no definite shape and volume?

A. Water and oxygen B. Water vapor and carbon dioxide

C. Air and spirit D. Ice and flour

13. An inclined plane is also known as-----?

A. Wheel B. Slope

C. Pulley D. Axle

14. Which one among the following soil conservation methods control weeds as well?

A. mulching B. Terracing

C. Contour farming D. Gabions

15. Which one of the following is not a common characteristic among all mammals?

A. They have constant body temperature B. They give birth to live young ones

C. They breathe by means of lungs D. They suckle their young ones

16. The following are examples of chemical fertilizer. Which one contains more than one macronutrient?

A. Urea B. Calcium Ammonium Nitrate

C. Diamonium phosphate D. Single superphosphate

17. The experiment below was set up by a class 8 pupil of Nyakinyua primary

(see image)

Four of the pupils gave their observations as shown below. Which pupil gave an incorrect observation?

A. John: Level of water rose in the glass

B. Jane: Level of water decreased in the basin

C. David: Oxygen was used up and carbon dioxide released.

D. Carol: Water turned milky after sometimes

18. Which one of the following improvements should be made in order to make an air thermometer more sensitive?

A. Using coloured water B. Using a narrow straw

C. Fixing a scale from top to bottom D. Using a plastic bottle

19. The set up below was used to demonstrate a method of heat transfer. Which process is represented by letter X?

(See image)

- A. Radiation B. Conduction
- C. Convection D. Evaporation

20. Which one of the following is not a pasture crop?

- A. Napier grass B. Lucerne
- C. Kikuyu grass D. Setaria grass

21. The figure below shows the feeding relationship in a game reserve

(see image)

Which one of the following organism can fit well in the part marked **X**?

- A. Vulture B. Bacteria
- C. Goat D. Snake

22. In which one of the following activities is friction a disadvantage?

- A. Walking up a hill B. Braking a moving
- C. Dragging a crate soda along a floor D. Washing a sufuria

23. One of the following methods of separating mixture can be used to separate a mixture of sand and salt. Which one?

- A. Filtering, evaporation, sieving. B. Sieving, dissolving, distillation.
- C. Dissolving, filtering, evaporation D. Dissolving, decanting, evaporation

24. Aquatic plants have the following features except---

- A. soft and weak stem B. flexible roots
- C. deep roots D. broad leaves

25. The following are methods of controlling pests in crops. Which one is the least?

- A. Scaring B. Hand picking
- C. Sparing D. Trapping

26. The following are effects of crop disease except?

- A. reduced yields B. malformation of crop produce
C. reduced quality of produce D. spots and streaks

27. Which one of the following would be the least effective way of educating the masses on HIV and AIDS?

- A. Mobile phones B. Newspapers
C. Radio D. Posters

28. The diagram below represents a xerophyte plant. Which one of the following is not a characteristic of the plant?

(see image)

- A. Deep roots B. Broad leaves
C. Succulent stem D. Green stems

29. Which one of the following combination of conditions should be controlled in order to preserve food?

- A. Water, dust, heat B. Oxygen, light, water
C. Warmth, water, carbon dioxide D. Moisture, oxygen, temperature

30. The following are characteristics of vertebrates. Which one is true?

- A. Fish and amphibians lay fertilized eggs B. Fish and birds have constant body temperature
C. Reptiles and birds lay fertilized eggs D. Amphibians and reptiles lay eggs on land

31. Which of the following aspects of an object does not affect floating and sinking?

- A. Mass of the material B. Shape of the material
C. Size of the material D. Type of the material

32. The extent of loudness or softness of a sound is called-----?

- A. amplification B. pitch
C. rhythm D. volume

33. Which of the following components of air is used up by both plants and animals?

- A. Carbon dioxide B. Nitrogen
- C. Oxygen D. inert gases

34. One of the following statements is not true. Which is that?

- A. All drugs are medicine B. All medicines are drugs
- C. Alcohol is a stimulant D. Beverages contain drugs

35. The diagram below shows a bean seed

(see image)

Which of the following is not the function of the part marked X?

- A. To let gases in and out of the seed B. Allow the plumule to shoot out
- C. Store food D. Allow water out of the seed

36. Which one of the following adaptations helps the xerophytes to reduce the loss of water?

- A. Swollen stem B. Green stem
- C. Deep roots D. Thorn like leaves

37. The following are weather instruments. Which one does not work on the fact that matter occupies space?

- A. Wind vane B. Rain gauge
- C. Wind stock D. Anemometer

38. Which of the following pairs consists of an internal parasite respectively?

- A. Hookworm and flea B. Tsetse fly and roundworm
- C. Tapeworm and liver fluke D. Flea and tick

39. Harriet was separating mixtures. Which method of separation did she use to recover only one substance?

- A. Evaporation B. Filtration
- C. Winnowing D. Sieving

40. The spread of HIV and AIDS can be controlled in several ways. Which one of the following methods is most appropriate for a married couple?

- A. Abstaining from sex
- B. Use condoms
- C. Avoid blood transfusion
- D. Being faithful

41. Magnetism can pass through certain materials. Which one of these materials cannot allow magnetism to pass through?

- A. Aluminum
- B. Paper
- C. Iron
- D. Copper

42. In order to make a stronger electromagnet

- A. Increase the amount of current
- B. reduce the number of coils
- C. reduce the amount of current
- D. use the steel instead of soft iron

43. The chemical substance present in colostrum that helps the baby's body to fight disease and allergies are referred to as-----

- A. vaccine
- B. haemoglobin
- C. antibodies
- D. toxins

44. The diagram below shows the female reproductive system. Which part is responsible for labor pain?

(see image)

45. A patient had the following signs:

- (i) Irregular shaped pimple on the penis
- (ii) Skin rash
- (iii) Paralysis may occur

Which sexually transmitted infection was the patient likely suffering from?

- A. Syphilis
- B. Gonorrhoea
- C. Chancroid
- D. None of the above

46. Growing plants may show the following signs

- (i) Stunted growth
- (ii) Green leaves

(iii) Spots on leaves (iv) Curled leaves

Which sign indicates a healthy plant?

A. (iii) B. (i)

C. (ii) D. (iv)

47. The blood component that is usually targeted by HIV is----

A. red blood cells B. platelets

C. white blood cells D. plasma

48. Which part of insectivorous plants is adapted to trapping insects?

A. flower B. stem

C. fruit D. leaf

49. Slopes and rollers were used in building the pyramids because they----

A. reduced the effort needed B. required a large labor force

C. increased the effort needed D. were easily obtained

50. The diagram below shows a simple electric circuit. Which is the correct order of energy transformation?

(see image)

A. Chemical → electrical → light → heat B. Kinetic → potential → magnetic → heat

C. Potential → magnetic → electrical → light D. Chemical → electrical → heat → light