



Myfuture CBC Revision

Science - Grade 5

Question Paper

1. Which one is a coding app?

- A. Tinder
- B. Scrahct
- C. Scratch
- D. Waze

2. When dissolved in water, bases produce:.....

- A. hydrogen ions
- B. acids
- C. hydroxide ions
- D. salts

3. Which group of animals are all invertebrate mollusks?

- A. Crocodiles, Lizards, Snakes
- B. Eagles, Sparrows, Hawks
- C. Cows, Sheep, Goats
- D. Snails, Octopuses, Squids

4. What is the average distance of the Moon from the Earth?

- A. 700,000 km
- B. 500,000 km
- C. 100,000 km
- D. 384,400 km

5. What is the effect of adding a base to an acidic solution?

- A. It becomes more acidic
- B. It becomes neutral
- C. It remains acidic
- D. It becomes less acidic

6. Which of these pH values would indicate that a solution is a weak base?

- A. 8
- B. 13.5
- C. 2
- D. 4

7. Which type of plant is characterized by having a hollow, jointed stem and producing flowers?

- A. Algae
- B. Grass
- C. Herb
- D. Fern

8. What is frequency?

- A. the number of vibrations per second
- B. the back and forth movement of matter
- C. the loudness or softness of a sound
- D. how high or low a sound is

9. what is the outstanding characteristic of mammals

- A. they have mammary glands
- B. they have beaks
- C. they have teeth
- D. they have scales

10. What is the name of the pigment that makes plants green?

- A. green matter
- B. Chlorophyll
- C. sunlight
- D. photosynthesis

11. What is the correct order of the 3 Rs of solid waste management

- A. reduce recycle reuse
- B. recycle, reduce reuse
- C. reuse, reduce, recycle
- D. reduce, reuse recycle

12. Peter was walking from home to school. He smelled a foul smell which led him to a dead dog in the bushes. which sense organ enabled peter to locate the dead dog?

- A. nose
- B. skin
- C. eyes
- D. tongue

13. which one of the following is a characteristic of amphibians?

- A. they have moist skin
- B. they have mammary glands
- C. they have fur
- D. they are warm-blooded

14. At what temperature does water boil and change from a liquid to a gas?

- A. 100°C
- B. 50°C
- C. 25°C
- D. 0°C

15. What is coding?

- A. Talking to a friend
- B. Drawing pictures on the screen
- C. Writing instructions for a computer
- D. Typing random letters on the keyboard

16. What is vibration?

- A. the back and forth movement of matter
- B. how high or low a sound is
- C. how loud a sound is
- D. the loudness or softness of a sound

17. Which of the following is not an internal body parasite

- A. house fly
- B. pin worm
- C. tape worm
- D. roundworm

18. If Earth's mass was cut in half, what would happen to your mass?

- A. nothing, mass is not affected by gravitational force
- B. increase because gravitational force increases
- C. decrease because gravitational force increases
- D. decrease because gravitational force decreases

19. Which of the following is not an example of a word processing software?

- A. Microsoft Word
- B. Microsoft Excel
- C. Google Docs
- D. LibreOffice Writer

20. what is our biggest planet in our solar system

- A. Jupiter
- B. mars
- C. uranus
- D. saturn

21. Which statement is true when acids and bases are mixed together?

- A. there is no change
- B. they neutralize each other
- C. acids become stronger
- D. bases become stronger

22. Which of the following animals is not a vertebrate?

- A. Bird
- B. Dog
- C. Lizard
- D. Snail

23. What is a function in coding?

- A. A type of car
- B. A group of numbers
- C. A set of instructions to perform a specific task
- D. A party

24. What is the name of the famous spacecraft that first orbited the Moon?

- A. Sputnik 1
- B. Luna 10
- C. Apollo 11
- D. Chang'e 4

25. Which of these revolve around a planet?

- A. meteor
- B. moon
- C. comet
- D. asteroid

26. What happens to the force of gravity between two objects as their distance increases?

- A. Disappears
- B. Decreases
- C. Increases
- D. Stays the same

27. The changing of the moon into different shapes and size is called

- A. revolution of the moon
- B. phases of the moon
- C. rotation of the moon
- D. eclipse of the moon

28. Name one safety precautions to observe when managing solid waste

- A. wear safety gloves
- B. avoid passing through areas where waste is poorly disposed
- C. pass through a dumpsite with bare feet
- D. avoid caring about the environment

29. What causes objects to accelerate towards the Earth when dropped?

- A. Air resistance
- B. Kinetic energy
- C. Gravity
- D. Magnetism

30. Which of the following is a vertebrate?

- A. Jellyfish
- B. Snail
- C. Frog
- D. Spider

31. What is the output of a code?

- A. The color of the keyboard
- B. The result after running the code
- C. The shape of the mouse
- D. The size of the monitor

32. How is coding used in creating websites?

- A. To play games
- B. To send emails
- C. To design web pages
- D. To cook food online

33. What do we call the force of gravity on an object

- A. mass
- B. weight
- C. acceleration
- D. friction

34. Name one use of bas in our daily lives

- A. used to make clothing materials
- B. used in treatment of humans
- C. used to make acidic solutions
- D. manufacturing of household cleaning agents like soap

35. What is the definition of CONVENTION?

- A. When heat is transferred through circulation of liquid or gases
- B. When heat is transferred through waves of heat across a distance.
- C. When heat is transferred through waves .
- D. When heat transfers from objects that are touching.

36. Why is illegal dumping harmful to the environment in Kenya?

- A. It helps clean up the environment
- B. It protects wildlife
- C. It contaminates soil and water
- D. It reduces waste production

37. Animals that have a backbone are called?

- A. domestic animals
- B. invertebrates
- C. wild animals
- D. Vertebrates

38. What is the function of the skull?

- A. protect brain
- B. protect the skin
- C. hold hair in the head
- D. covering the head

39. Why does wearing light-colored clothes keep you cooler in hot weather?

- A. They trap heat close to the body
- B. They emit more heat energy
- C. They absorb more heat
- D. They reflect sunlight

40. Which type of plant is characterized by having a green, photosynthetic stem?

- A. Tree
- B. Herb
- C. Algae
- D. Shrub

41. Which of the following animals is an invertebrate mollusk?

- A. Snail
- B. Tiger
- C. Owl
- D. Salmon

42. What is the pH of water?

- A. 3
- B. 7
- C. 8
- D. 6

43. Which of the following diseases is caused by a virus?

- A. Malaria
- B. Cholera
- C. Typhoid
- D. Measles

44. Identify one safety precaution to observe when using a computer

- A. keeping the computer close to children
- B. avoid touching the computer with wet hands
- C. banging the computer
- D. touching with dirty hands

45. Which organ is responsible for pumping blood throughout the body?

- A. Liver
- B. Heart
- C. Lung
- D. Brain

46. Which of the following plants are typically very small, aquatic organisms?

- A. Ferns
- B. Fungi
- C. Algae
- D. Moss

47. During sublimation, a substance

- A. loses thermal energy
- B. gains chemical energy
- C. loses chemical energy
- D. gains thermal energy

48. Which of the following animals is not a vertebrate reptile?

- A. Turtle
- B. Cobra
- C. Jellyfish
- D. Lizard

49. What is the temperature range on the Moon's surface?

- A. 100 to 200 degrees Celsius
- B. -200 to -100 degrees Celsius
- C. -100 to 0 degrees Celsius
- D. 0 to 100 degrees Celsius

50. Coding can be used to do the following except

- A. tell computers what to do
- B. create websites, games & apps
- C. Program robots
- D. store database