



# Myfuture CBC Revision

## Pre-technical - GRADE 8

### Question Paper

1. Which category can you use to prevent sport injuries ?

- A. Environment
- B. Flexibility
- C. Strength
- D. Endurance

2. Which process involves heating clay in a kiln to a high temperature?

- A. Molding
- B. Sanding
- C. Firing
- D. Glazing

3. What is biomass?

- A. energy from plant and animal waste
- B. energy from water
- C. energy from wind
- D. energy from the sun

4. Why is it important to use a scale in a plain scale drawing?

- A. To hide mistakes
- B. To make the drawing more colorful
- C. To confuse the viewer
- D. To accurately represent proportions and measurements

5. Which tool is commonly used for cutting through chain link fences?

- A. Tin snips
- B. Rivet gun
- C. Wire cutter
- D. Hand saw

6. Which one is not an aim of first aid?

- A. aiding recovery
- B. preserving life
- C. preventing injury from getting worse
- D. protecting the conscious

7. Which tool is commonly used for marking or scoring materials before cutting or shaping them?

- A. Welding machine
- B. Anvil
- C. Ruler
- D. Chisel

8. What is the first step to creating a budget?

- A. Ignoring expenses completely
- B. Setting financial goals
- C. Calculating total expenses
- D. Spending all available money

9. What is the purpose of social proof in marketing?

- A. To increase product prices
- B. To ignore customer feedback
- C. To decrease customer loyalty
- D. To build credibility and trust with customers

10. Which non-metallic material is commonly used in making toothpaste for its abrasive properties?

- A. Sugar
- B. Plastic
- C. Silica
- D. Salt

11. Which type of composite material is known for its high chemical resistance?

- A. Polymer matrix composite
- B. Boron nitride composite
- C. Metal matrix composite
- D. Carbon fiber composite

12. What is the most common cause of house fires in Kenya?

- A. Leaving cooking unattended
- B. Playing with matches
- C. Faulty wiring
- D. Leaving candles unattended

13. What are the first aid requirements for the following injuries: Scrape?

- A. apply gentle pressure with a clean bandage or cloth and elevate the wound until bleeding
- B. Apply an icepack
- C. cover the wound with a sterile dressing or a clean non-fluffy cloth
- D. Cool with cool or lukewarm running water for 20 minutes as soon as possible after the injury

14. Why is it essential to monitor and analyze the results of marketing campaigns in Kenya?

- A. Monitoring helps identify what works and what needs improvement
- B. There is no need to track campaign performance
- C. Results have no impact on future strategies
- D. Analyzing results is only necessary for offline campaigns

15. Which metal is commonly used in the automotive industry for its lightweight properties and strength?

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

16. Oil, natural gas, and coal are called \_\_\_\_\_resources because they are not easy to replace.

- A. natural resources
- B. fossil fuels
- C. conservation
- D. nonrenewable

17. Why is it important for investors to understand their rights?

- A. To discourage investor protection
- B. To ensure fair treatment from financial institutions
- C. To limit their ability to seek recourse
- D. To increase vulnerability to fraud

18. What is the purpose of the BIOS password in a computer system?

- A. Connect to the internet
- B. Store programs and files
- C. Display images on the screen
- D. Restrict access to the system

19. Which element is used to display text in visual programming?

- A. Label
- B. Text Box
- C. Dropdown
- D. Slider

20. What is a set square used for?

- A. Calculating area
- B. Drawing right angles
- C. Drawing circles
- D. Measuring lengths

21. How can you ensure the security of your passwords and sensitive data?

- A. Keep them in an unencrypted file on your desktop
- B. Share them with friends
- C. Write them on a sticky note on your computer screen
- D. Use a password manager

22. State the use of Sprinklers.

- A. enlarge circular holes in solid material
- B. it is used for the harvesting of vegetables
- C. applying water to a controlled manner
- D. temporarily hold work securely in place

23. The main reason for the worldwide slowdown in the construction of nuclear power plants is that.....

- A. we have run out of uranium fuel.
- B. the electricity from nuclear power is generally more expensive to produce than
- C. nuclear reactors release large quantities of greenhouse gases.
- D. Nuclear reactors are inherently unsafe.

24. What is the purpose of a firewall on a computer?

- A. To block all incoming and outgoing internet traffic
- B. To protect against unauthorized access and malware
- C. To display annoying pop-up ads
- D. To slow down internet speeds

25. What do arrowheads on dimension lines in a technical drawing represent?

- A. End of the line
- B. Measurement direction
- C. Starting point
- D. Object alignment

26. What is the primary purpose of freehand sketching in drawing?

- A. To improve hand-eye coordination
- B. To practice writing skills
- C. To create precise and detailed drawings
- D. To express creativity and ideas

27. What function does the power supply unit serve in a computer system?

- A. Typing text
- B. Storing data
- C. Displaying colors on the screen
- D. Providing electricity to the components

28. Which metal is commonly used in electrical wiring and power generation?

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

29. What are natural materials?

- A. Those materials that are found in nature and have not been made by human beings
- B. Those materials that are found in nature and have been made by human beings
- C. is an available resource for which there is an unlimited quantity
- D. those that are increasingly difficult to source

30. What is the process of creating ceramic pieces by rolling out flat sheets of clay and cutting them into shapes called?

- A. Stamping
- B. Slab building
- C. Coiling
- D. Throwing

31. What is a French curve set used for?

- A. Drawing straight lines
- B. Measuring angles
- C. Drawing smooth curves
- D. Calculating area

32. What is the purpose of the Ethernet Card in a computer system?

- A. Display output on the screen
- B. Run applications
- C. Connect to the internet
- D. Store data permanently

33. What should you do if you make a mistake in a plain scale drawing?

- A. Cover it with whiteout
- B. Leave the mistake as it is
- C. Ignore the mistake
- D. Correct it using the right measurements

34. What should you do if you notice a strange smell in the work environment?

- A. Ignore the smell
- B. Spray air freshener to cover up the smell
- C. Notify a supervisor or someone in charge
- D. Try to locate the source of the smell

35. Give the meaning of Technical drawing.

A. is a detailed, precise diagram or plan that conveys information about how an object

36. Which of the following is a safe way to store important data?

- A. Using a USB drive without password protection
- B. Using a cloud storage service with encryption
- C. Saving everything on the desktop
- D. Sharing all files via email

37. What material is commonly used for making cooking skewers and toothpicks?

- A. Bamboo
- B. Metal
- C. Plastic
- D. Wood

38. Which of the following is an example of traditional marketing?

- A. Telemarketing
- B. Content marketing
- C. Influencer marketing
- D. Search engine optimization (SEO)

39. Which of the following is a natural fiber commonly used in composite materials?

- A. Bamboo fiber
- B. Kevlar
- C. Carbon fiber
- D. Fiberglass

40. What is the purpose of customer feedback in marketing?

- A. To improve customer satisfaction
- B. To reduce product quality
- C. To decrease customer loyalty
- D. To ignore customer complaints

41. Which of the following is an example of email marketing?

- A. Hosting a giveaway event
- B. Sending personalized emails to customers
- C. Placing an ad on a billboard
- D. Creating a TV commercial

42. Why is regulation of financial institutions important for investor protection?

- A. To encourage unethical behavior
- B. To increase market instability
- C. To limit investor options
- D. To protect investors from fraud

43. What should you do if you witness someone getting injured?

- A. Blame the person for the injury
- B. Leave the scene without doing anything
- C. Offer help and call for assistance
- D. Laugh at them

44. Which type of composite material is known for its electrical conductivity?

- A. Rubber composite
- B. Graphite composite
- C. Polymer matrix composite
- D. Ceramic matrix composite

45. What does a scale of 1:50 mean in a plain scale drawing?

- A. The drawing has 50 different colors
- B. The drawing is 50 times larger
- C. The drawing is incomplete
- D. The drawing is 50 times smaller

46. Why are fossil fuels considered nonrenewable resources if they are still forming beneath the surface today?

- A. They are being formed as a type of methane which we cannot use.
- B. We are depleting the fossil fuels much faster than they can form.
- C. They are being formed too far beneath the surface of the ocean
- D. The fossil fuels are being broken down by a natural process faster than they can form.

47. What is the process of combining different ceramic materials to create a stronger composite called?

- A. Sintering
- B. Laminating
- C. Composite forming
- D. Fusion

48. Which of the following tools is used for making smooth and accurate cuts in materials such as metal, wood, or plastic?

- A. Wrench
- B. Chisel
- C. Saw
- D. Tape measure

49. How do pre-technical studies help students develop problem-solving skills?

- A. By promoting critical thinking
- B. By focusing only on physical activities
- C. By avoiding challenges
- D. By encouraging rote memorization

50. What is the correct hand tool used for spreading seeds or fertilizer in the farm?

- A. Sprayer
- B. Wheelbarrow
- C. Seeder
- D. Rake

