



Myfuture CBC Revision

Pre-technical - GRADE 9

Question Paper

1. What is the main purpose of a pipe reamer?

- A. Smoothing the edges of pipes
- B. Bending metal pipes
- C. Sharpening knives
- D. Filing wood

2. Which of the following is an example of informal business communication?

- A. Water cooler gossip
- B. Company newsletter
- C. Board meeting
- D. Official press release

3. Which instrument is used to measure angles accurately?

- A. Ruler
- B. Compass
- C. Protractor
- D. Divider

4. State the use of Spade.

- A. to transport piles of dirt
- B. to make the earth smooth and level before you put plants in
- C. cutting various thin materials
- D. slicing and lifting sod

5. What is the most appropriate footwear when working on raised platforms?

- A. High-heeled shoes
- B. Flip flops
- C. Steel-toe boots
- D. Open-toe sandals

6. Which of the following actions helps prevent data loss?

- A. Using simple and guessable passwords
- B. Automatic cloud backups and external hard drives
- C. Not using any backup solutions
- D. Regularly saving files to the desktop

7. What is the role of financial literacy in investor protection?

- A. To increase vulnerability to scams
- B. To discourage research before investing
- C. To promote ignorance about investments
- D. To empower investors with knowledge

8. What are the first aid requirements for the following injuries: Fractures?

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

9. What is the process of hardening ceramics through heat called?

- A. Firing
- B. Cooling
- C. Freezing
- D. Melting

10. Which cutting tool is specifically designed for carving intricate designs or shapes into materials like wood or metal?

- A. Drill bit
- B. Chisel
- C. Screwdriver
- D. Saw

11. Which of the following is a common type of ceramic used for industrial applications?

- A. Silicon carbide
- B. Copper
- C. Leather
- D. Plastic

12. Which component of a computer is used for inputting data?

- A. Keyboard
- B. Speakers
- C. Monitor
- D. Mouse

13. Which non-metallic material is commonly used in making bottles and containers for storing beverages?

- A. Steel
- B. Ceramic
- C. Glass
- D. Plastic

14. Why is it important to tie back long hair when working with machinery?

- A. To keep hair out of your face
- B. To look fashionable
- C. To show off long hair
- D. To prevent hair from getting caught in moving parts

15. What is the role of the reinforcement phase in composite materials?

- A. To resist corrosion
- B. To enhance strength
- C. To provide flexibility
- D. To increase weight

16. Which type of line is used to show dimensions and sizes in a technical drawing?

- A. Section Line
- B. Leader Line
- C. Dimension Line
- D. Hidden Line

17. How does a set square help in drawing right angles?

- A. By estimating the angle
- B. By measuring the angle
- C. By aligning it with a straight edge
- D. By drawing a line parallel to an existing one

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

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

19. Which cutting tool is best for trimming small branches on trees?

- A. Hand pruners
- B. Vise grip pliers
- C. Sawzall
- D. Screwdriver

20. What is the purpose of a business plan for entrepreneurs?

- A. To inflate business value
- B. To impress others
- C. To ignore finances completely
- D. To serve as a guideline for the business

21. Give the meaning of Technical drawing.

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

22. What is the main purpose of integrating pre-technical studies into the curriculum?

- A. To focus solely on artistic endeavors
- B. To provide a balanced education
- C. To avoid technical subjects entirely
- D. To promote physical fitness

23. Which of the following is NOT a benefit of freehand sketching?

- A. Developing hand-eye coordination
- B. Creating precise technical drawings
- C. Improving observation skills
- D. Expressing creativity

24. What is the primary function of a belt sander in a production unit?

- A. Cutting metal
- B. Sanding surfaces
- C. Mixing paint
- D. Welding metal

25. In oblique projection, which axis is usually shown in its true length and width?

- A. Z-axis
- B. X-axis
- C. Y-axis
- D. None of the axes

26. What should you do if you see a spill on the floor in the work environment?

- A. Clean up the spill if you are able to do so safely
- B. Walk through the spill
- C. Leave the spill for someone else to clean up
- D. Ignore the spill and continue walking

27. What aspect of visual programming makes it suitable for students at different learning levels?

- A. Lack of hands-on practice
- B. Adaptable difficulty levels
- C. Limited coding challenges
- D. Rigid learning structure

28. Which of the following is an example of a bookkeeping software?

- A. QuickBooks
- B. Google Chrome
- C. Adobe Photoshop
- D. Microsoft Word

29. Which type of energy is generated from sunlight?

- A. Solar
- B. Hydropower
- C. Wind
- D. Geothermal

30. Which of the following is an example of informal business communication?

- A. Official meeting agenda
- B. Company-wide email announcement
- C. Report presentation to executives
- D. Watercooler chat about work projects

31. What tool is used for accurately cutting straight lines on wood?

- A. Hammer
- B. Saw
- C. Screwdriver
- D. Knife

32. Which tool is commonly used for smoothing out rough edges or removing excess material from a workpiece?

- A. Hammer
- B. Grinder
- C. Screwdriver
- D. Chisel

33. ____ is used to galvanise iron and steel to prevent ____.

- A. Iron metal, rusting
- B. Hammer ,rusting
- C. Zinc metal, rusting
- D. Copper metal, rusting

34. Which of the following is a key factor in ensuring safety in a production unit?

- A. Regular equipment maintenance
- B. Ignoring safety protocols
- C. Lack of training
- D. Encouraging shortcuts

35. How can entrepreneurs adapt their saving and investing strategies to changing market conditions?

- A. By investing all savings in one high-risk venture
- B. By sticking to the same strategies regardless of market changes
- C. By seeking advice from financial experts
- D. By avoiding any form of saving or investing

36. Which of the following is a non-metallic material commonly used in making paper?

- A. Plastic
- B. Wood
- C. Aluminum
- D. Cotton

37. State a way of maintaining farm tools.

- A. Store tools in an open floor
- B. Sharpen the tool before and after use
- C. Cool Tools After Use
- D. use harsh chemicals

38. Which method involves shaping clay on a potter's wheel?

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

39. What is the purpose of a T-square?

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

40. What material is commonly used for making garden hoses for watering plants?

- A. Rubber
- B. Plastic
- C. Metal
- D. Cotton

41. Why should entrepreneurs be cautious about taking on debt?

- A. Debt can be a useful tool for growth
- B. Debt shows financial success
- C. Debt should be avoided at all costs
- D. Debt leads to bankruptcy

42. Which feature is commonly used for user interaction in visual programming?

- A. Buttons
- B. Shapes
- C. Images
- D. Colors

43. Which component of a computer system is used to input data and commands?

- A. Monitor
- B. Hard Drive
- C. Keyboard
- D. CPU

44. What is the difference between freehand sketching and tracing?

- A. Freehand sketching allows for artistic interpretation
- B. Tracing requires more creativity
- C. Freehand sketching is done without guidelines
- D. Tracing involves copying existing outlines

45. What should you do if you see a blocked emergency exit in the workplace?

- A. Ignore it and hope no one notices
- B. Use it as a storage space
- C. Clear the obstruction immediately and report it to your supervisor
- D. Push harder to open it and force your way out

46. What impact does quality customer service have on marketing goods and services in Kenya?

- A. Quality customer service can lead to customer loyalty and positive word-of-mouth
- B. Customer service is irrelevant in marketing
- C. Customer service only matters in international markets
- D. Poor customer service attracts more customers

47. Which instrument is used to draw parabolas?

- A. Protractor
- B. Parabola template
- C. Ruler
- D. Compass

48. Which type of ceramic is known for its translucent and delicate appearance?

- A. Stoneware
- B. Porcelain
- C. Earthenware
- D. Terracotta

49. Why should investors be wary of promises of guaranteed high returns on investments?

- A. To avoid falling victim to investment scams
- B. To protect against potential losses
- C. To encourage secure investment practices
- D. To minimize risks associated with investments

50. What should you do if you find a spilled liquid on a raised platform?

- A. Clean it up immediately or inform the cleaning crew
- B. Ignore it and walk around
- C. Jump over it and continue working
- D. Slide around in the liquid for fun

