Myfuture CBC Revision

Pre-technical - Grade 7

Question Paper

1. You need to transport the fertilizers from the storage to the farm. Which of the following will enable you to perform the task?

A. Spade

B. Pail

C. Shovel

D. Wheelbarrow

2. Give the meaning of Technical drawing.

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

3. What should you do first when setting a financial goal to start a small stall selling fruits?

A. Tell everyone about the idea but never plan

B. Buy everything on credit without knowing the cost

C. Start without any money or plan

D. Estimate the startup cost, expected income, and set a timeframe to save or borrow

4. How should measuring and marking tools be stored after use to keep them accurate?

A. Left on the floor

B. Left in water

C. Thrown in a crowded box

D. Stored properly, clean and dry

5. What is the purpose of a screwdriver?

A. Holding nails

B. Measuring lengths

C. Turning screws

D. Cutting wood

6. Most hazards encountered fall into three main categories.which one is not?

A. psychological

B. biological

C. physical

D. chemical

7. Differentiate between renewable and non – renewable sources of energy.

A. non- Renewable resources include sunlight, water, wind and also geothermal sources such

B. non-Renewable resources cannot be depleted over time. renewable resources deplete over

C. Renewable resources cannot be depleted over time. Non-renewable resources deplete

D. renewables sources can be bought while non-renewable cannot

8. How can pre-technical studies help students in their future careers?

A. By teaching them how to play musical instruments

B. By providing hands-on experience in technical fields

C. By training them to become professional athletes

D. By emphasizing memorization of facts

9. What skill is often developed in pre-technical studies?

A. Singing

B. Playing football

C. Public speaking

D. Computer programming

10. What material is commonly used for making residential water pipes?

A. Plastic

B. Metal

C. Ceramic

D. Glass

11. Which material is commonly used for making mobile phone screens?

A. Metal

B. Paper

C. Glass

D. Plastic

12. What is Technical drawing?

A. is a detailed, precise diagram or plan that conveys information about how an object
B. a way to let doctors see what's going on inside your body.

C. be defined as the primarily linear rendition of objects in the visible world.
D. is the result of combining several technical discoveries, relating to seeing an image and

13. What is the main material used for making cooking utensils like pots and pans?

A. Aluminum

B. Copper

C. Stainless Steel

D. Clay

14. Which metal is used in making coins due to its affordability and durability?

A. Gold

B. Copper

C. Aluminum

D. Silver

15. What do we call plastics that can be heated, softened and reshaped many times?

A. Metals

B. Thermosetting plastics

C. Ceramics

D. Thermoplastics

16. Which tool is best for checking and transferring angles that are not exactly 45° or 90°?

A. Combination square

B. Tape measure

C. Bevel gauge

D. Try square

17. Why is it important to wear appropriate safety gear in the workplace?

A. To not follow the rules

B. To show off to colleagues

C. To avoid accidents and injuries

D. To look cool and fashionable

18. Which hand tool is used for cutting wires or metal sheets?

A. Chisel

B. File

C. Pliers

D. Scissors

19. What is a sole proprietorship?

A. A shop that never sells anything

B. A business owned and run by one person

C. A company run by a large group of strangers

D. A business owned by the whole government

20. How do pre-technical studies contribute to a student's academic growth?

A. By focusing solely on physical education

B. By encouraging curiosity and exploration

C. By avoiding challenging subjects

D. By memorizing information without understanding

21. Which instrument is used for drawing tangents to circles?

A. Protractor

B. Compass

C. Ruler

D. Tangent tool

22. What material is commonly used for making cinder blocks for construction?

A. Metal

B. Concrete

C. Wood

D. Plastic

23. Which material is commonly used for making electrical insulators on power lines?

A. Wood

B. Rubber

C. Plastic

D. Glass

24. Which energy source is used to power vehicles in Kenya?

A. Biomass

B. Hydropower

C. Nuclear

D. Oil

25. How can small-scale Kenyan producers increase productivity?

A. Stop selling to nearby markets

B. Avoid learning new methods

C. Reduce working hours every day

D. Use better tools, improve skills and organise work

26. Why is it important to know the location of emergency exits in the workplace?

A. To ensure a quick and safe evacuation during emergencies

B. To block them in case of a fire

C. To forget about them

D. To use them as a shortcut

27. Which metal is an essential component of bronze alloy along with tin?

A. Copper

B. Iron

C. Zinc

D. Gold

28. Which of the following is important in freehand sketching?

A. Using erasers frequently

B. Maintaining a loose and confident drawing style

C. Adding shading and details immediately

D. Avoiding mistakes at all costs

29. Name a metal which exist as a liquid at room temperature.

A. Argon

B. Mercury

C. Silver

D. Sodium

30. What material is commonly used for making school desks and chairs?

A. Plastic

B. Metal

C. Wood

D. Fiberglass

31. Why is it important to have proper lighting in the workplace?

A. To save electricity

B. To promote a spooky atmosphere

C. To have an excuse to leave work early

D. To prevent accidents and improve visibility

32. What property of copper makes it suitable for electrical wiring?

A. High density

B. High Conductivity

C. Low Conductivity

D. Low density

33. Which tool measures the thickness of a small object very precisely, often used for sheet metal?

A. Micrometer

B. Spirit level

C. Tape measure

D. Try square

34. What are the three major hazards?

A. Human-Caused,chemicals and natural

B. fire,chemicals and burn

C. Human-Caused, Natural and Technological.

D. physical,fire and natural

35. Which material is commonly used for making window blinds?

A. Cloth

B. Plastic

C. Metal

D. Wood

36. Which metal is typically used in making coins?

A. Silver

B. Zinc

C. Copper

D. Lead

37. How can many plastics be recycled for new products?

A. By melting and remoulding into new shapes

B. By burying them with food waste

C. By burning them to create garden soil

D. By dissolving them in water

38. What is the best way to prevent slip and fall injuries?

A. Ignoring wet floors

B. Running on wet floors

C. Wearing high heels

D. Placing warning signs for wet areas

39. Which of these is a natural non-metallic material that comes from plants?

A. Cotton

B. Glass

C. Stainless steel

D. PVC (plastic)

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

A. Iron

B. Aluminum

C. Copper

D. Steel

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

A. Cotton

B. Aluminum

C. Plastic

D. Wood

42. Which of the following is NOT a goal of pre-technical studies?

A. Strengthening critical thinking abilities

B. Developing problem-solving skills

C. Promoting creativity

D. Learning how to paint

43. What does the scale 1:2 on a drawing mean?

A. The drawing is half the actual size

B. The drawing is twice the actual size

C. The drawing shows two objects

D. The drawing is the same size as the actual object

44. What does SMART mean when setting financial goals?

A. Special, Mystical, Above-budget, Remote, Told-later

B. Spontaneous, Mild, Ambiguous, Rigid, Temporary

C. Specific, Measurable, Achievable, Relevant, Time-bound

D. Simple, Many, Annually, Random, Timeless

45. Which material is commonly used for making pet bottles for packaging drinks?

A. Ceramic

B. Plastic

C. Glass

D. Metal

46. Which of the following non-metallic materials is known for its flexibility and is used for making rubber bands?

A. Plastic

B. Ceramic

C. Rubber

D. Wood

47. If you are being followed by a stranger, what is the best course of action?

A. Confront them and ask why they are following you

B. Keep walking and hope they go away

C. Lead them to a busy area

D. Find a safe place with people around and alert someone

48. What should you do if you encounter a stranger with bad intentions while walking home alone?

A. Run away as fast as you can

B. Ignore them and keep walking

C. Yell for help and run to a safe place

D. Politely ask them for directions

49. Which of the following is a common pre-technical subject?

A. Drama

B. Geography

C. Biology

D. Creative writing

50. Metals are?

A. natural materials that do not produce heat or electricity and that are structurally brittle

B. are opaque,non- lustrous elements that are good conductors of heat and electricity

C. are opaque, lustrous elements that are good conductors of heat and electricity

D. natural materials that produce heat or electricity and that are structurally brittle