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KENYA JUNIOR SCHOOL EDUCATION ASSESSMENT

END TERM I 2025 JOINT EXAM

GRADE 9

PRE-TECHNICAL STUDIES



Time: 1 hour 30 mins

NAME: _____
 SCHOOL: _____
 STREAM: _____ DATE: _____

INSTRUCTIONS

- Write your name, school, stream and date in the spaces provided above.
- This paper consists of two sections: A and B.
- Section A comprises Multiple Choice Questions numbered 1 to 30.
- Section B comprises short, structured questions number 31 to 34.
- Answer ALL the questions in section A in the table provided below.
- Answer ALL the questions in section B in the spaces provided in this QUESTION PAPER.
- Do NOT remove any page from this question paper. Answer ALL the questions in English

ANSWER SHEET – SECTION A

1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.

21.	22.	23.	24.	25.	26.	27.	28.	29.	30.

LEARNER'S SCORE

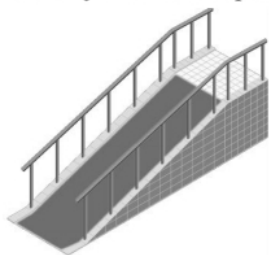
SCORES		TOTAL
A (Out of 30)		
B (Out of 40)		

This paper consists of 6 printed pages. Candidates should check the question paper to confirm that all pages are printed as indicated and that no questions are missing

SECTION A (30 marks)

Answer ALL the questions in this section. Write your answers in the spaces provided on the first page.

1. Identify the raised platform shown below.



- A. ramp
- B. stairs
- C. step
- D. trestle

2. Which of the following should be avoided on raised platforms?
- A. Using tools and equipment safely
 - B. Keeping the platform clean and free of clutter
 - C. Leaning over the edge of the platform
 - D. Using fall protection systems

3. Why are raised platforms used in workplaces?
- A. To increase the aesthetic appeal of the workplace
 - B. To provide workers with a higher vantage point to perform tasks
 - C. To create more space for equipment
 - D. To make it easier for workers to move between floors

4. Which type of fall protection is commonly used on raised platforms?

- A. Safety harness
- B. Reflective tape
- C. Warning signs
- D. Protective gloves

5. What should you do if you notice a raised platform is unstable or damaged?

- A. Continue working and report it at the end of the day
- B. Inform your supervisor immediately and avoid using it
- C. Try to fix it yourself
- D. Ask a colleague to use it instead

6. Which of the following is not a classification of hazardous substances.

- A. Poisonous hazardous substances
- B. Flammable hazardous substances
- C. Food substances
- D. Corrosive hazardous substances

7. Which of the following is a potential hazard of working on raised platforms?

- A. The risk of falling off the platform
- B. The risk of being hit by a passing vehicle
- C. The risk of tripping over wires
- D. The risk of hearing loss from loud machinery

8. What is the purpose of guardrails on raised platforms?

- A. To make the platform look more professional
- B. To prevent materials from falling off the platform
- C. To protect workers from falling off the platform
- D. To hold tools and equipment

9. Classify the hazardous substance below.



- A. Poisonous
- B. Flammable
- C. Corrosive
- D. E-waste

10. The following are nonethical practices in the use of talents. Which one is **NOT**?

- A. Sabotage
- B. Integrity
- C. Disrespect
- D. Exploitation

11. Identify the symbol below.



- A. Flammable
- B. Corrosive
- C. Irritative
- D. Poisonous

12. Which of the following is considered hardware?

- A. Microsoft Word
- B. CPU
- C. Operating System
- D. Internet Browser

13. Name the type of printer below.



- A. inkjet printer
- B. laser printer
- C. 3D printer
- D. offset printer

14. What is the purpose of an operating system?

- A. To run applications like games and browsers
- B. To manage hardware and software resources
- C. To protect the computer from viruses
- D. To access the internet

15. Which of these devices is an example of an input device?

- A. Monitor
- B. Printer
- C. Keyboard
- D. Speaker

16. Which type of drawing is shown below?



- A. graffiti
- B. caricature
- C. illustration
- D. portrait

17. Which of the following is an example of a **search engine**?

- A. Microsoft Excel
- B. Google
- C. Windows Defender
- D. Adobe Photoshop

18. What is the primary role of a **router** in a computer network?

- A. To store files on a network
- B. To connect different networks and direct data traffic
- C. To protect the network from viruses
- D. To provide security for web browsing

19. The hazard below shows that the substance is:



- A. dangerous
- B. toxic
- C. poisonous
- D. flammable

20. Which of the following is an advantage of starting a business as an entrepreneur?

- A. Job security
- B. Full control over business decisions
- C. Limited responsibility for the business's debts
- D. Predictable and steady income

21. What is a **business plan** in entrepreneurship?

- A. A detailed report on the financial status of a company
- B. A document that outlines the goals, strategies and financial projections for a new business
- C. A description of the products and services sold by the business
- D. A report on the number of employees in a business

22. Jean-Pierre is an entrepreneur from Kuala Lumpur. He has the qualities of a good entrepreneur. Which of the following is **NOT** a quality of a good entrepreneur?

- A. Risk taker
- B. Creative and innovative
- C. Good planner
- D. Poor communicator

23. If you want to construct a cyber-café, which of the following are important factors to consider?

- A. Personal hobbies, the number of employees and personal interest in gaming
- B. The color of the walls, type of furniture and choice of food served
- C. Location, target market and internet speed
- D. Weather conditions, bank holidays and employee attire

24. Identify the following ICT tool in communication.



- A. Facebook
- B. Instagram
- C. LinkedIn
- D. WhatsApp

25. The following are basic symbols and abbreviations in drawing. Which one is not correctly matched?

- A. Perpendicularity (\perp)
- B. Centerline (c)
- C. Radius (r)
- D. Square (\square)

26. Which technique of free hand sketching involves shading or creating tonal effects by drawing parallel lines close to each other?

- A. hatching
- B. stippling
- C. box method
- D. centerline method

27. Which among the following is a 2D shape?

- A. cube
- B. rectangle
- C. hemisphere
- D. torus

28. Grade 7 learners in Kondele learnt that metals are malleable. What does malleable mean?

- A. A material that can easily break or shatter when force is applied.
- B. A material that can be stretched into thin wires.
- C. A material that can be hammered or pressed into different shapes without breaking.
- D. A material that can conduct electricity efficiently.

29. Identify the marking tool below.



- A. punch
- B. spacing wheel
- C. tailor's gauge
- D. marking wheel

30. Which one is not a type of financial goal?

- A. Short-term goals
- B. Medium-term goals
- C. Eternal life goals
- D. Long-term goals

SECTION B (40 Marks)

Answer ALL questions in this section.

31. Pre-technical Studies is a comprehensive and integrated learning area.

a) Identify the **three** components of Pre-technical Studies.

(3 marks)

b) Outline **four** importance of studying Pre-technical Studies.

(4 marks)

c) Name **three** career opportunities related to the study of Pre-technical Studies.

(3 marks)

32. Raised platforms are found in work places.

a) What is a raised platform? (2 marks)

b) State **three** precautions to take when using raised platforms. (3 marks)

c) Identify **three** risks associated with working on raised platforms. (3 marks)

d) Why is it important to observe safety when working on raised platforms? (2 marks)

33. Entrepreneurship is the process of identifying a business opportunity and acquiring the necessary resources to start and run a business.

a) Who is an entrepreneur? (2 marks)

b) Highlight **four** characteristics of a good entrepreneur. (4 marks)

- c) Identify a business gap in your community and find a solution for it. (4 marks)

34. A computer is an electronic device capable of receiving data and performing a sequence of operations to produce output.

- a) What is data? (2 marks)

- b) List **three** examples of computers used today. (3 marks)

- c) Which criteria do we use to classify computers? (3 marks)

- d) Name two storage devices in a computer. (2 marks)

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