

# DOYEN

## KENYA JUNIOR SCHOOL EDUCATION ASSESSMENT



### TERM 1 2025 OPENER EXAM

### GRADE 9 – PRE-TECHNICAL STUDIES

Time: 2 hours

NAME: \_\_\_\_\_

SCHOOL: \_\_\_\_\_

STREAM: \_\_\_\_\_ DATE: \_\_\_\_\_

### INSTRUCTIONS

- a) Write your name, school, stream and date in the spaces provided above.
- b) Answer **all** questions in this booklet.
- c) All answers must be given as per the guidelines of the questions.
- d) All answers **must** be written in this booklet.

### ASSESSMENT RUBRIC

RANGE (%)	LEVEL
80 - 100	Exceeding expectation
60 - 79	Meeting expectation
40 - 59	Approaching expectation
0 - 39	Below expectation

### LEARNER'S SCORE

Out of 50	
Score	
%	

*This paper consists of 4 printed pages. Candidates should check the question paper to confirm that all pages are printed as indicated and that no questions are missing.*

**Business Studies (15 marks)**

1. Explain the meaning of the following terms as used in business. (3 marks)
- a) Entrepreneurship
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- b) Partnership
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- c) Market gap
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2. Give any **two** uses of money. (2 marks)
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3. State **two** important reasons for paying taxes in Kenya. (2 marks)
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4. Distinguish between needs and wants. (2 marks)
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5. Name **four** methods of payment in a business. (3 marks)
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6. Kariuki is a businessman. He wants to set up a new business in Makueni County. Give any **three** factors that he should consider before setting up the business. (3 marks)
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**Pre-technical Studies (30 marks)**

7. Explain **three** importance of Pre-technical Studies in day-to-day life. (3 marks)

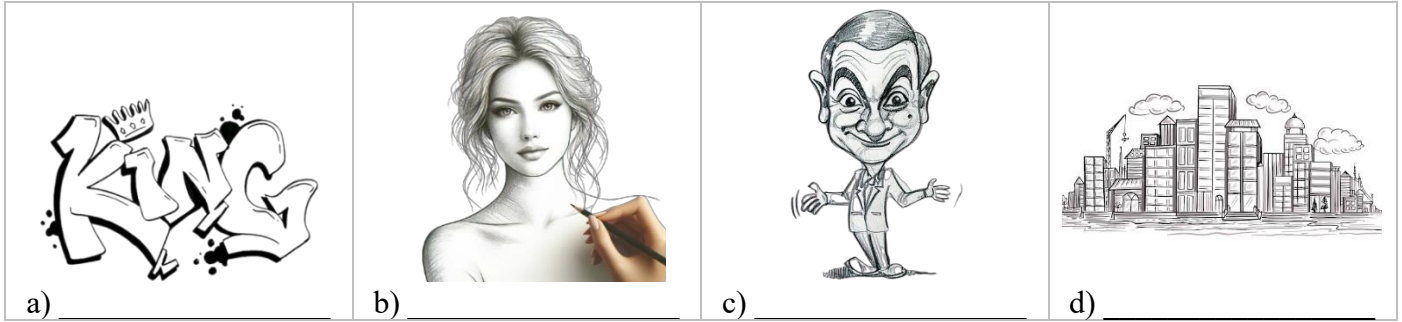
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8. Classify the following drawings as either *caricature*, *graffiti*, *illustration* or *portrait drawings*. (4 marks)



9. Name **three** items found in a first aid kit? (3 marks)

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10. Differentiate between metallic and non-metallic materials. (2 marks)

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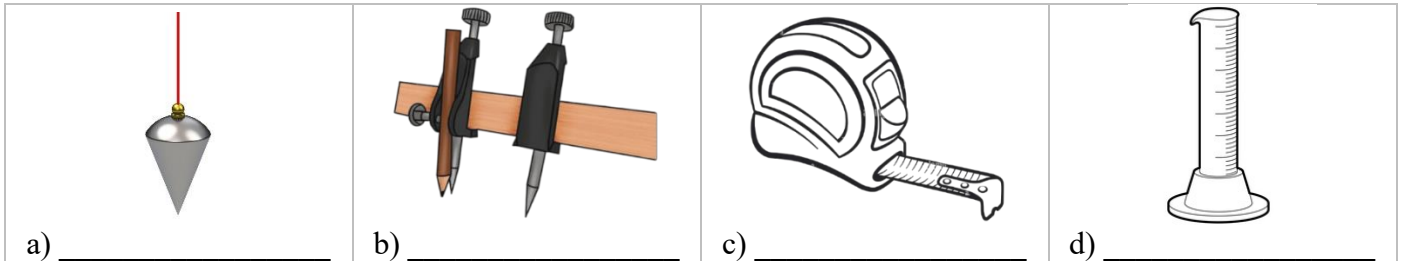
11. State **two** physical properties of materials. (2 marks)

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12. Name the following tools used in Pre-technical studies. (4 marks)



13. Recommend **any** two Personal Protective Equipment (PPEs) for a construction worker. (2 marks)

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14. Name **three** causes of fire in a work environment. (3 marks)

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15. Mention **two** uses of geometric construction. (2 marks)

16. Draw the following types of lines used in technical drawing. (3 marks)

a) Zigzag line	b) Hidden line	c) Wavy line
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17. Name **two** forms of energy. (2 marks)

**Computer Studies (15 marks)**

18. State **two** functions of a computer. (2 marks)

19. Name **two** examples of computers. (2 marks)

20. Explain **one** technique for solving problems using computing technology. (2 marks)

21. State **two** components of the CPU. (2 marks)

22. What are the functions of the physical parts of a computer named below? (3 marks)

- a) Monitor - \_\_\_\_\_
- b) Keyboard - \_\_\_\_\_
- c) Flash disks - \_\_\_\_\_

23. Explain how to start a computer. (2 marks)

24. Name **two** examples of computer networks. (2 marks)

**THIS IS THE LAST PRINTED PAGE**

*L'avenir commence ici*