SCHOOL BASED ASSESSMENT
GRADE 7
PRE-TECHNICAL STUDIES (V.I)
October 2026
Time: 1hr 30min

THE KENYA NATIONAL EXAMINATIONS COUNCIL

SCHOOL BASED ASSESSMENT

FOR VISUALLY IMPARED (V.I)

PRE-TECHNICAL STUDIES

Learner's Name: _____

Assessment No. _____ **Grade:** _____

Date: _____

Instructions to learners

*(a) This paper consists of **15** questions.*
(b) Answer all the questions in the spaces provided.
(c) Answer the questions in English.

FOR TEACHER'S USE ONLY

Scoring Grid

Tasks	**Task 1-Technical Studies**	**Task 2-Business Studies**	**Task 3-Computer Studies**	
Question(s)	**1,2,3,4,5,6,7,8**	**9,10,11**	**12,13,14,15**	**Total scores**
Max. Score(s)	**27**	**09**	**14**	**50**
Learner's Score				

This paper consists of 4 printed pages.

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Answer all the Questions

1. Grade 7 learners were discussing reasons for studying Pre-technical studies in Junior School. Explain **three** reasons which the learners discussed. (3 marks)

2. Grade 7 learners were asked to discuss careers which they can pursue after studying Pre-Technical studies. Identify **three** careers which the learners discussed. (3 marks)

3. In technical drawing, every line is drawn in a particular way to represent a particular detail on the drawing. Name four types of lines and explain what each line represents on the drawing. (4 marks)

4. Grade 8 learners collected several items in the school compound to identify different materials and what they are used to make. The items collected are listed below. Name the material used to make each of the items collected. (4 marks)
   a) Geometrical set
   b) Ruler
   c) Waste parts of a desk
   d) Broken windowpanes

5. While working on their project in the workshop, teacher Rehema reminded learners to ensure they keep the tools safely after use. State **three** ways of keeping tools safely in the workshop. (3 marks)

6. Pamba used the following abbreviations when drawing to save on time spent. Write each abbreviation in full: (3 marks)
   R _____
   NTS _____
   CL _____

7. Grade 7 learners used the following tools during a practical lesson. State the use of each tool. (4 marks)
   a) Scriber
   b) Measuring tape
   c) Hacksaw
   d) Hand file

8. Grade 8 learners carried out a practical to distinguish between metals and non-metals. State **three** properties of metals that were used to distinguish them from non-metals. (3 marks)

9. Grade 7 learners are planning a field trip in the nearby community to establish different types of production units. Explain **three** factors they would consider in determining the size of the production units they will come across. (3 marks)

10. Mwanahamisi runs a small bakery in town. When business is slow, she explores new ideas, such as introducing mini-cakes and small doughnuts. She treats her customers politely, works long hours, and never gives up, even when ingredients become expensive. From the scenario, describe **three** qualities of an entrepreneur that Mwanahamisi demonstrates. (3 marks)

11. Amani, a Grade 7 learner, receives a weekly allowance for doing chores at home. He often spends it all on snacks and toys, and by the end of the month, he has nothing saved. Amani wants to start saving for important items like a new school bag and future needs. If you were Amani, what **three** financial goals would you set to help your personal development? (3 marks)

12. Jabali visited a community park and connected his laptop to a public wi-fi network. He later realized that some data on his laptop had been altered.

    a) Which safety threat did Jabali expose his data to? (1 mark)

    b) How can Jabali protect his data next time he visits the park? (1 mark)

13. You have been tasked to assist your community in selecting ICT communication tools to be used in an upcoming awareness campaign.

    a) Name **three** ICT communication tools you will select for the community. (3 marks)

    b) Explain the benefits of using the ICT tools you will select for the community. (2 marks)

14. Identify the most appropriate computer hardware device for use in each of the following situations:

    a) Transferring data from one computer to another. (1 mark)
    b) Generating hard copies of learners' progress reports. (1 mark)
    c) Capturing learners' performance in a drama festival. (1 mark)
    d) Displaying scores during the Junior School football championship. (1 mark)

15. April intends to travel for a fieldwork activity. She needs a computer she can easily move around with and use to type and send daily reports of the fieldwork activity to her boss.

a) Which type of computer is most suitable for April? (1 mark)

b) Give **two** reasons for your answer in 15 (a) (2 marks)

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