GRADE 7 ENDTERM 1 EXAMS

SMARTGRADE SERIES

ALL SUBJECTS

Compilation of Standard set of End-Term 1 Questions for the Current Class.

ALL SUBJECTS TESTED.

Mathematics, English, Kiswahili, Integrated Science, Pre-technical Studies, Creative Arts and Sports, Social studies, Agriculture and Nutrition & Religious Education.

FORMATIVE ASSESSMENT

For Marking Schemes

Mr Isaboke 0746 222 000 / 0742 999 000

MWALIMU CONSULTANCY

KENYA JUNIOR SCHOOL EDUCATION

GRADE 7 SMARTGRADE SERIES

ENDTERM 1 EXAMINATIONS

PRE-TECHNICAL STUDIES

TIME: 2 HOURS

NAME……

ASSESMENT NO; …… SCHOOL; ……..

CLASS…… SIGN……

FOR EXAMINERS

ASSESSMENT RUBRICS (for official use)

%SCORE RANGE	Below 40	40-59	60-79	80-100
PERFORMANCE LEVEL	Below expectation	Approaching expectations	Meeting expectations	Exceeding expectations
	1	2	3	4

QUESTIONS

1. CPU has 3 components, list them. **(3mks)**

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2. Write in full. **(3mks)**

a.) ALU ……

b.) USB……..

c.) HDMI ……

3. State two problems experienced when setting up computers. **(2mks)**

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4. Give the names of the following cables used with computes. **(3mks)**







5. List down three causes of Repetitive Strain Injury (RSI) **(3mks)**

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6. State three physical threats to computers. **(3mks)**

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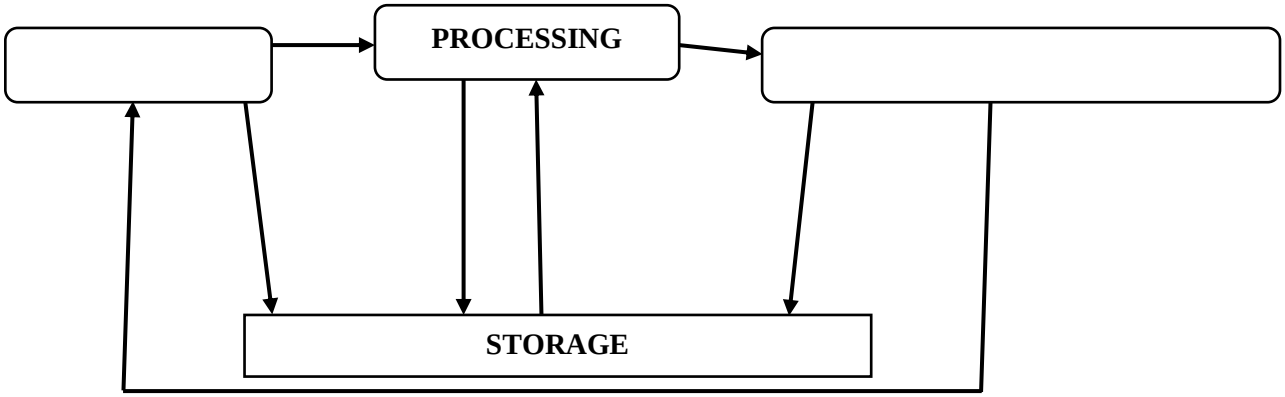
7. State three Function of a computer. **(3 mks)**

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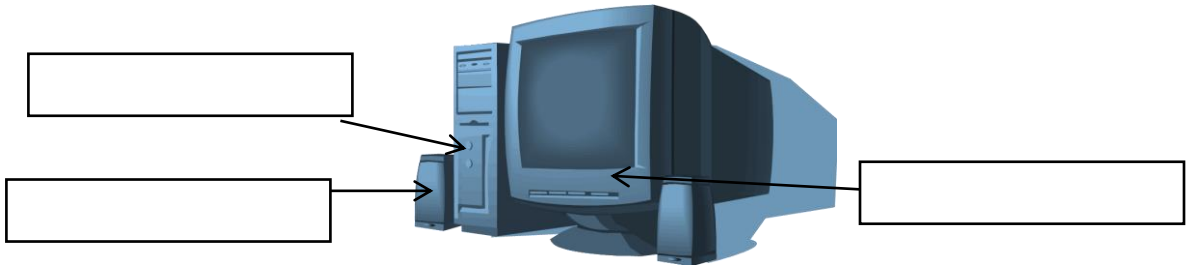
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8. Complete the following Stages of computer processing cycle



9. Name the following parts of a Model of a computer**.** **(3 mks)**



10. State four Advantages of using a computer. **(4 mks)**

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11. Outline three Importance of communication in the work environment**.** **(3 mks)**

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12. Name four ICT Tools used in Communication**.** **(4 mks)**

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13. Name the types of artistic drawing illustrated below. **(4 mks)**









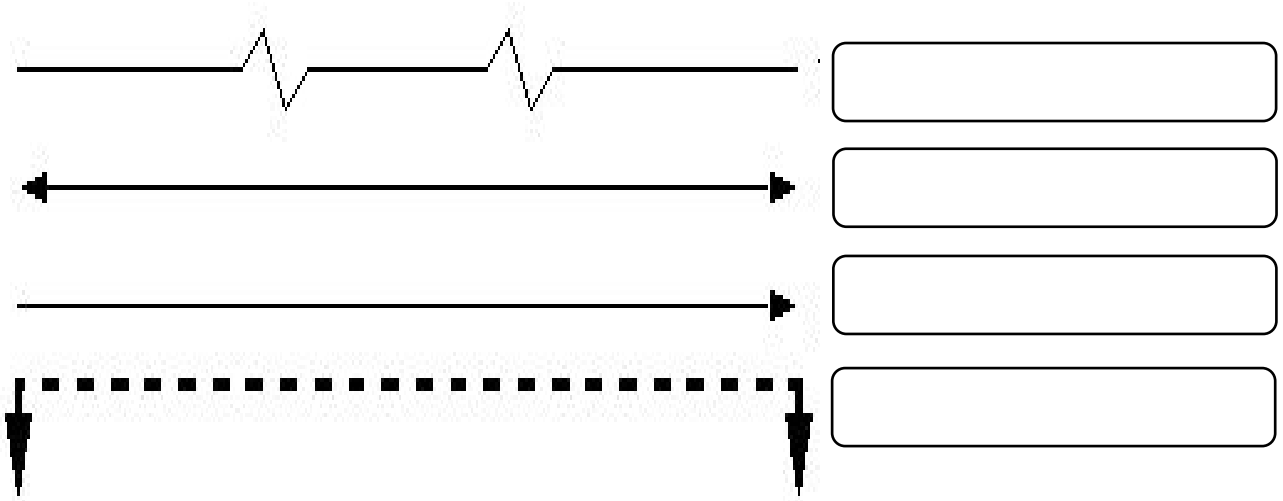
14. Name three examples of technical drawings:

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……

……

15. Name the types of Lines used in drawing. (**4 mks)**



16. State the following basic abbreviations used in drawing in full**. (5 mks)**

a. DRG -……..

b. A/F – ……..……..

c. A/C – ……..…….

d. I/D – …….

e. O/D – ……

17. State four factors of production**. (4 mks)**

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18. State three characteristics of economic resources used for production of goods andservices.

(3 mks)

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19. Name three examples of metals**.** **(3 mks)**

a. ……..

b. …….

c. ……

20. Identify the metal used to make the following material. **(5 mks)**











21. Give three examples of non-metallic materials**.** **(3 mks)**

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KENYA JUNIOR SCHOOL EDUCATION

GRADE 7 SMARTGRADE SERIES

ENDTERM 1 EXAMINATIONS

INTEGRATED SCIENCE

TIME: 2 HOURS

NAME……

ASSESMENT NO; …… SCHOOL; ……..

CLASS…… SIGN……

FOR EXAMINERS

ASSESSMENT RUBRICS (for official use)

%SCORE RANGE	Below 40	40-59	60-79	80-100
PERFORMANCE LEVEL	Below expectation	Approaching expectations	Meeting expectations	Exceeding expectations
	1	2	3	4

1. State three components of integrated science. **(3 mks)**

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2. Mention three importance of learning integrated science. **(3 mks)**

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3. How Is Integrated Science useful in the following areas? **(4 mks)**

a. Transportation.

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b. Medicine.

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c. Agriculture.

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d. Communication.

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e. Construction.

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4. Identify one accident caused by the following hazard. **(4 mks)**

Hazard	Accident caused.
Acids and bases (chemicals)	
Corrosives.	
Electrical hazards (heating apparatus)	
Glass apparatus	

5. What is the meaning of the following hazard symbol? **(6 mks)**







…… …… ……







…… …… ……..

6. Mention four components of a first aid kit. **(4 mks)**

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7. When working in the laboratory, you must observe the following safety rules: Namely?

(4 mks)

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7. Name four scientific skill one attains through learning integrated science**.** **(4 mks)**

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8. State four Information that are found on a packaging label. **(4 mks)**

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9. Differentiate between Basic quantities and derived quantities. **(4 mks)**

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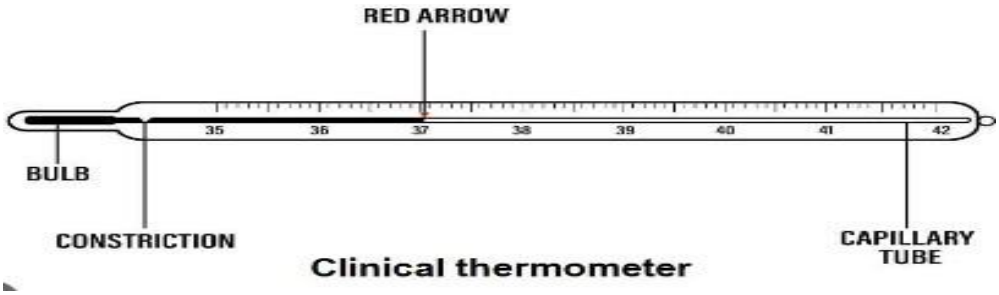
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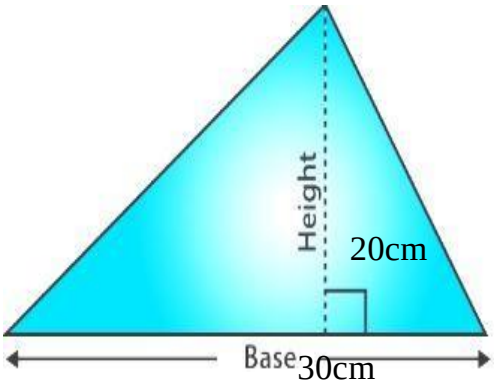
10. State the SI unit and symbol for the following quantities. (**10 mks)**

Basic quantity	SI unit	Symbol
Mass		
Length		
Time		
Temperature		
Electric current		

11. What is the temperature reading in the following thermometer? **(1 mk)**



12. Work out the area of the following triangle**.** **(3 mks)**



13. State the Functions of the different parts of the Microscope**.** **(4 mks)**

	PART	USE/FUNCTION
1	Eyepiece lens	
2	Body tube	
3	Stage	
4	Arm	

14. Name the following heating instruments. **(5 mks)**

15. State the Functions of the parts of a Bunsen burner**.** **(7 mks)**

Part	Function
Collar	
Air hole	
Chimney (barrel)	
Base	
Gas hose	
Flame	
Gas inlet	

KENYA JUNIOR SCHOOL EDUCATION

GRADE 7 SMARTGRADE SERIES

ENDTERM 1 EXAMINATIONS

AGRICULTURE AND NUTRITION

TIME: 2 HOURS

NAME……

ASSESMENT NO; …… SCHOOL; ……..

CLASS…… SIGN……

FOR EXAMINERS

ASSESSMENT RUBRICS (for official use)

%SCORE RANGE	**Below 40**	**40-59**	**60-79**	**80-100**
PERFORMANCE LEVEL	Below expectation	Approaching expectations	Meeting expectations	Exceeding expectations
	1	2	3	4

1. State two components of Agriculture and Nutrition. **(2 mks)**

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2. What is Soil pollution? **(2 mks)**

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3. The harmful substances in the soil are known as …….. **(1mk)**

4. Mention six causes of Soil Pollution in Farming. **(6 mks)**

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5. Outline five Safe Soil pollution Control measures include the following methods **:(5 mks)**

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6. State three ways of creating awareness message against soil pollution**.** **(3 mks)**

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7. Outline three damages caused by surface run off. **(3 mks)**

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8. Surface run off is conserved or collected in structures such as**:** **(3 mks)**

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9. Name four importance of conserving water in Farming. **(4 mks)**

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10. What is the way or methods used to conserve Surface run off? **(3mks)**

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11. Name the following water retention structures. **(3 MKS)**







12. Mention three Crops that can be established in water retention structures. **(3 mks)**

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THE END

KENYA JUNIOR SCHOOL EDUCATION

GRADE 7 SMARTGRADE SERIES

ENDTERM 1 EXAMINATIONS

SOCIAL STUDIES

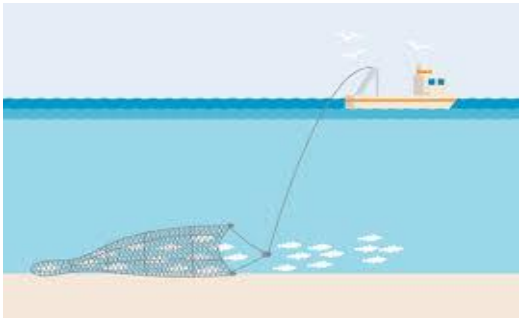
TIME: 2 HOURS

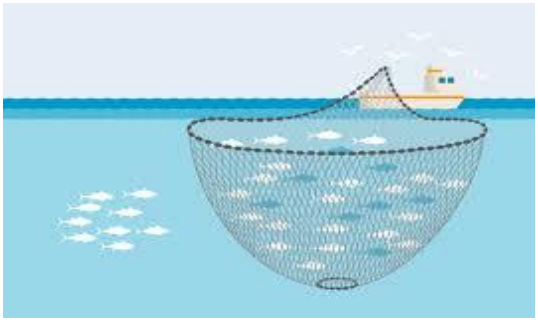
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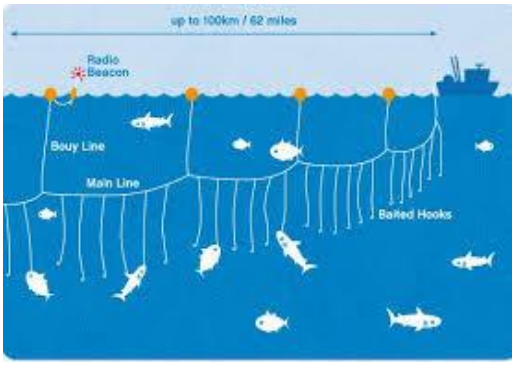
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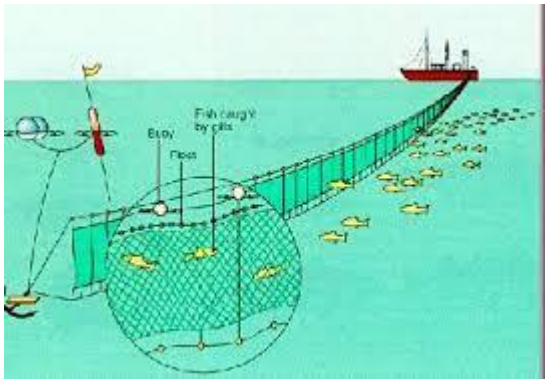
CLASS…… SIGN……

1. Name the methods of fishing shown below. **(4 mks)**









2. State three branches of social studies. **(3 mks)**

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3. Identify three entrepreneurial opportunities for social studies**.** **(3 mks)**

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4. Name the capital cities for the following African countries. **(3 mks)**

a. Sudan –……..

b. Eritrea- ……

c. Tunisia –……

5. List four continents in the worlds. **(4 mks)**

……

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6. Name

i. The major longitude passing through Africa. …….

ii. The major latitude passing through Africa …….

7. Explain the origin of the earth as prescribed by the passing star theory**.** **(4 mks)**

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8. If the time in Monrovia , Liberia ,12^0W is 8:00am,what is the time at Addis Ababa, Ethiopia, 38 ^{0}E**?** **(2 mks)**

9. State the countries in Africa that are crossed by the equator**;** **(6 mks)**

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10. Identify three countries that are crossed by the tropic of cancer. **(3mks)**

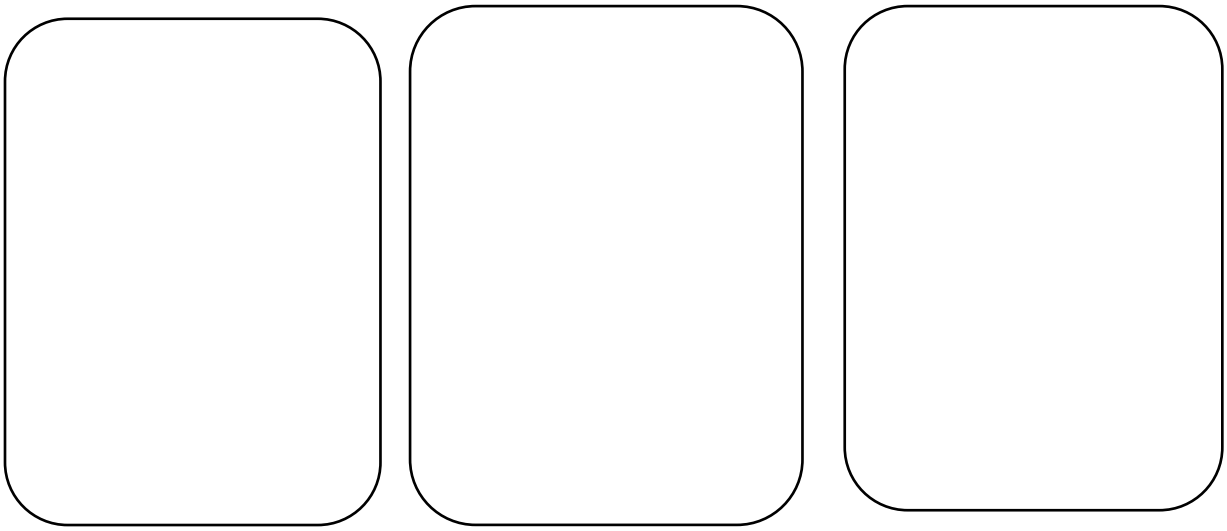
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11. Draw the following weather instrument. **(3 mks)**

a. Windvane Windsock Anemometer



17. Match the following weather instruments to their use.

Hygrometer	Measures the amount of rainfall
Barometer	Measures the amount of water vapour in the atmosphere
Raingauge	Measures the amount of atmospheric pressure

12. List any five planets in the solar system **.** **(5 mks)**

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13. Name two physical features you have learnt before. **(2 mks)**

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14. State two effects of the rotation and revolution of the earth of the earth. **(4 mks)**

Rotation of the Earth	Revolution of the Earth

15. Identify four seasons**.** **(4 mks)**

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16. Name three elements of weather. **(3 mks)**

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17. Name any three sources of information. **(3 mks)**

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18. Identify two factors to consider when siting a weather station. **(2 mks)**

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19. Name Life skills that enhance negotiations during social interaction**.** **(3 mks)**

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20. Define the following terms as used in life skills**.** **(4 marks)**

a. Personal management skills.

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b. Self-awareness

……

……

21. Define psychological dimension as used in personal management skills. **(2 marks)**

……

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22. Outline five different dimension one uses to define himself/herself. **(5 marks)**

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23. Discuss five physical changes that happens to girls and boys during adolescence.**(5 marks)**

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24. State four ways of maintaining personal hygiene and health during adolescence. **(4 marks)**

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25. What is self-esteem? **(2 mrks)**

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26. Name three types of families. **(3 marks)**

……

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KENYA JUNIOR SCHOOL EDUCATION

GRADE 7 SMARTGRADE SERIES

ENDTERM 1 EXAMINATIONS

CREATIVE ARTS AND SPORTS

NAME……

ASSESMENT NO; …… SCHOOL; ……..

CLASS…… SIGN……

FOR EXAMINERS

ASSESSMENT RUBRICS (for official use)

%SCORE RANGE	Below 40	40-59	60-79	80-100
PERFORMANCE LEVEL	Below expectation	Approaching expectations	Meeting expectations	Exceeding expectations
	1	2	3	4

1. What is the difference between 2D arts and 3D arts in visual arts? **(2mks)**

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2. State any four techniques used in pottery **(3mks)**

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3. List down any three tools needed in weaving. **(2mks)**

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4. Give any four examples of natural materials used in making earrings. **(2mks)**

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5. The process of trimming a picture to remove the unwanted parts is called **(2mks)**

……

6. Name two ways of editing images**.** **(2mks)**

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7. Outline four qualities of a good pass. **(4mks)**

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8. Give three landing techniques used in netball **(3mks)**

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9. List three common types of passes in handball. **(3mks**)

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10. List four qualities of a good maker in handball. **(2mks)**

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11. Give three importance of pivoting in handball. **(3mks)**

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12. Define the following terms. **(4mks)**

a.) Passing

……

……

b.)Reception

……

……

13. Write down three safety rules to observe when performing long jump. **(3mks)**

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14. List down any five-equipment used in a hockey game. **(5mks)**

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15. Name the two types of tackles in Kabadii game. **(1mks)**

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16. What is the meaning of: **(2mks)**

a. An artiste

……

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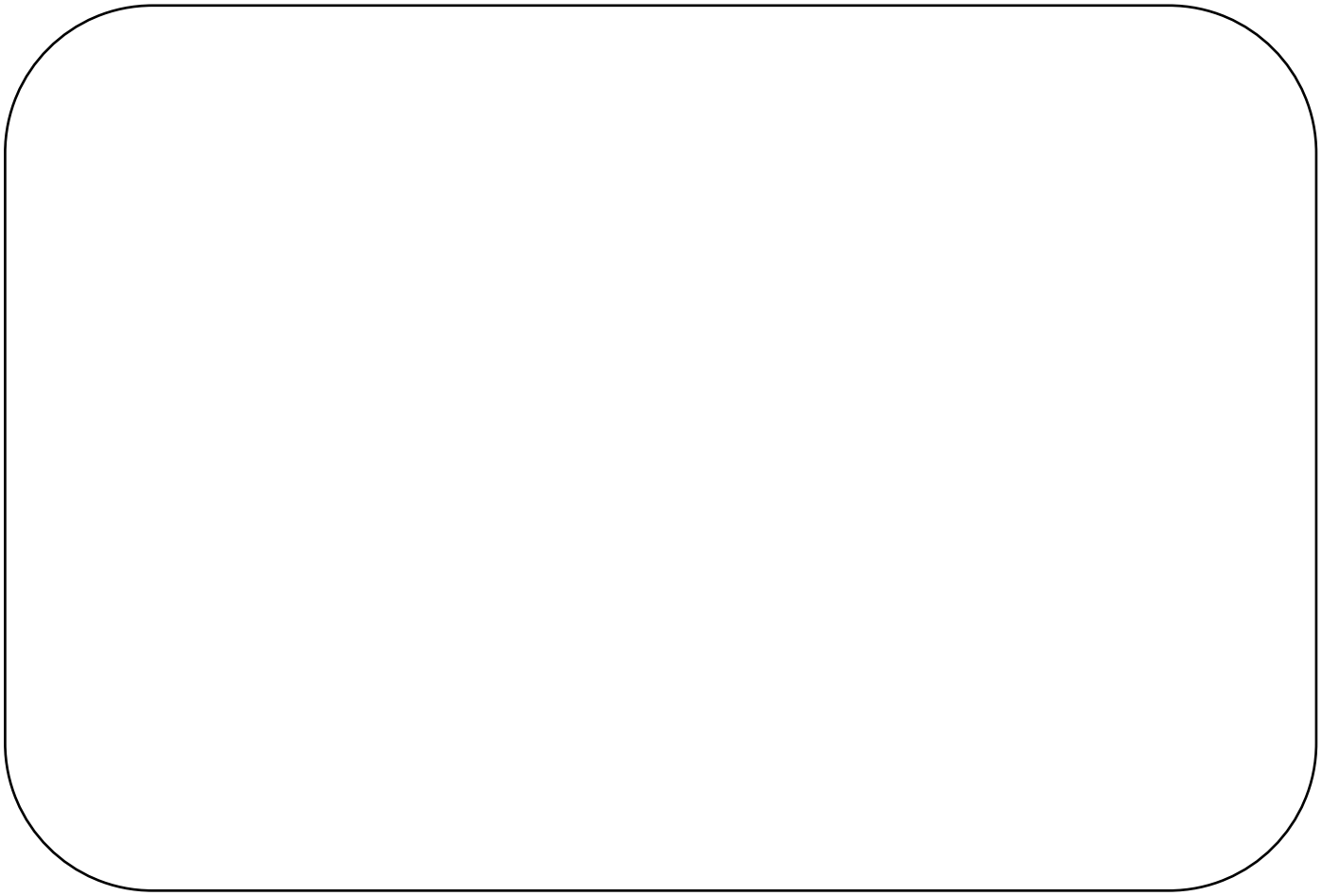
b. Audience

……

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17. Draw a drum and name the following parts; skin membrane, sling, sound box and tuning laces.

(4mks)



KENYA JUNIOR SCHOOL EDUCATION

GRADE 7 SMARTGRADE SERIES

ENDTERM 1 EXAMINATIONS

CHRISTIAN RELIGIOUS EDUCATION

NAME……

ASSESMENT NO; …… SCHOOL; ……..

CLASS…… SIGN……

FOR EXAMINERS

ASSESSMENT RUBRICS (for official use)

%SCORE RANGE	Below 40	40-59	60-79	80-100
PERFORMANCE LEVEL	Below expectation	Approaching expectations	Meeting expectations	Exceeding expectations
	1	2	3	4

QUESTIONS

1. Write down values that Christian acquire by learning Christian Religious Education. **(3 mks)**

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2. Why should **CRE** be taught in schools**?** **(3 mks)**

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3. List down the similarities and differences between the two Biblical accounts of creation.

(4 mks)

Similarities (2mks)	**Differences (2mks)**

4. Explain the attribute of God from the two creation accounts. **(3 mks)**

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5. Explain different ways in which people promote and protect the animals, fish and birds.

(2 mks)

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6. Why is the Bible important to the society**?** **(2 mks)**

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7. Explain the two dimensions of the Bible. **(2 mks)**

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8. How can Christians participate in charity work in the community to serve God and others**?** **(2 mks)**

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9. List the Poetic books of the Old Testament. **(4 mks)**

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10. God created us and gave us different unique…….

11. List down two examples of Christian Values;

……

……

12. We become God's**……** when we use our abilities and talents to care for His creation.

13. Forcing young children into difficult tasks or work for payment is known as child **……**

14. The disobedience of Adam and Eve led to the…**……..** of human beings.

15. There is **……..**when family members work together and stay in agreement.

16. A **……..**is a difficult situation that one can find himself or herself in.

17. The twelve followers of Jesus Christ were known as **……..**

18. The ability to make good judgement and give good advice on an issue is known as**……**

19. God wants us to **…….our** elders.

20. Name the three men who were thrown in the furnace of fire;

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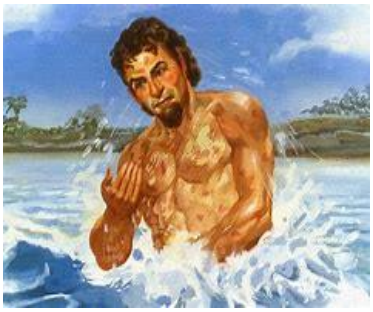
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21. Which prophet challenged the prophets of Baal _____

22. State what is happening in the following pictures people in the bible.













KENYA JUNIOR SCHOOL EDUCATION

GRADE 7 SMARTGRADE SERIES

ENDTERM 1 EXAMINATIONS

ISLAMIC RELIGIOUS EDUCATION

TIME: 2 HOURS

NAME……

ASSESMENT NO; …… SCHOOL; ……..

CLASS…… SIGN……

FOR EXAMINERS

ASSESSMENT RUBRICS (for official use)

%SCORE RANGE	Below 40	40-59	60-79	80-100
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1. Define the term Quran. **(2 mks)**

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2. Mention three Articles of Iman**.** **(3 mks)**

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3. What is the meaning of Tawheed? **(2 mks)**

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4. Mention two Categories of Tawheed. **(2 mks)**

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5. Outline four Differences between Shahada and Tashahud. **(8 mks)**

	Shahada	Tashhud
1		
2		
3		
4		

6. Define swalah**.** **(2 mks)**

……

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7. Mention three Essential condition of Swalah. **(3 mks)**

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8. Define the following. **(4mks)**

a. Twahara

……

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b. Najaasat ……..

9. Mention two types of Najaasat. **(2 mks)**

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10. State the three classes of water**.** **(3 mks)**

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11. Taking of ritual bath (Ghusl) is compulsory under the following circumstances: namely.

(3mks)

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12. It is Sunnah to take bath in the following occasions: namely **(3 mks)**

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13. State How to perform ritual bath (Ghusl**)** **(5 mks)**

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14. Mention three Importance of taking Ghusl. **(3 mks)**

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15. What was the need for revelation of the Quran? State fine points. **(5 mks)**

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16. State three roles of Angel Jibril in the revelation of the Quran**.** **(3 mks)**

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17. Describe the two stages in which the Quran was revealed. **(4 mks)**

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18. State four reasons for revelation of the Quran in portions. **(4 mks)**

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KENYA JUNIOR SCHOOL EDUCATION

GRADE 7 SMARTGRADE SERIES

ENDTERM 1 EXAMINATIONS

ENGLISH

TIME: 2 HOURS

NAME……

ASSESMENT NO; …… SCHOOL; ……..

CLASS…… SIGN……

FOR EXAMINERS

ASSESSMENT RUBRICS (for official use)

%SCORE RANGE	Below 40	40-59	60-79	80-100
PERFORMANCE LEVEL	Below expectation	Approaching expectations	Meeting expectations	Exceeding expectations
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COMPOSITION (20mrks)

I**nstructions: Begin your composition with the following words,**

It was my first day, first lesson in high school. The English teachers' footsteps could be heard far away from the door…….

……

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CLOZE TEST (10mrks)

Our bodies ….....1...always sending silent messages to the people around…2……. . Our postures, our movements, our gestures …3……the expression on our faces can all …4…….meaning for onlookers. Postures suggest attitudes. Movements simplify and adjust …5……. positions in relation to people …6…… objects. Gestures are signals which indicate ……7……..emphasize our desires and feelings. Facial …8……..reveals impression and emotions. This kind …9……..communication is …10…… body language or non- verbal communication.

COMPREHENSION (15mrks)

CHIEF ULLIN'S DAUGHTER

Heavy dark clouds were gathering in the late afternoon sky. There was stillness in the air, a stillness that threatened a storm.

The boatman who rowed people across the lake was making fast his boat when a young man and woman approached him in a great hurry. They were desperate to cross the lake, they said, and urged him to take him to take them. He shook his head and pointed to the sky. He told them that the storm was soon coming and that they should wait until it blew over. It would be dangerous to take his small rowing boat out on the lake.

All the time he was talking, the young couples were nervously looking behind them. Kathure, the young man, pleaded with the boatman to take them and offered him a purse of silver coins. He told the boatman that he and Jackline, the young woman, were in love and were determined to marry. Her father was Chief Ullin and he wanted to marry Jackline off to a neighboring chief, a man she did not love. The chief was at that moment pursuing them. They must cross the lake to be safe.

The boatman knew of Chief Ullin's fiery temper and how he would kill the young man if he caught him. He could also see how very much in love the young couples were.

Just then the boatman's son, Eric, came. He was a strapping young man who helped his father. He was told the story of the young couple and sympathized with their plight.

The young woman spoke up. She would rather, she said, face the turbulent waters than meet the wrath of her angry father. Tears welled upon her eyes. Never, she protested, would she marry a man she did not love.

The boatman was touched by her appeal and told his son that he had decided to row the couple across- not for money, but because he admired their courage and love. Eric looked anxiously at his father. A storm was certainly coming, he warned. It would be far too risky.

However, his father was already herding his passengers into his boat. When they were both seated he untied the rope and made to get in himself. Suddenly Eric pulled his father away and leapt into the boat, took up the oars and began to row away.

His father, when he had recovered his breath, shouted for his son to come back. His wife, on hearing the shouts, ran down the lake's edge. Seeing her son rowing away over the stormy water, she screamed for him to return. The threatening wind whipped her words away.

Towards the lake a group of armed men came. It was the chief with his warriors. He was angry, but when he saw his daughter out on the lake being tossed by angry waves he was terribly afraid. He bellowed that he forgave them and that they should return.

It was in vain. As he shouted the waves capsized the little craft and its three young occupants were drowned as the old people watched.

(From the skills of English, Oxford University press)

QUESTIONS

1. What was the boatman doing when the young couple went to him? **(1mrk)**

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2. Why did the boatman initially refuse to take the young man and woman across the lake?

(2mrks)

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3. Why was the young couple in a hurry to cross the lake? **(2mrks)**

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4. Explain why the boatman decided to row the couple across the lake in spite of the bad weather.

(2mrks)

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5. Provide a possible reason why Erick decided to row the young couple across the lake instead of his father. **(2mrks)**

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6. Why did chief Ullin pursue the young couple**?** **(1mrk)**

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7. Give evidence from the passage to support the proverb 'love is blind' **(2mrks)**

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8. Explain the meaning of the following words as used in the passage **(3mrks)**

a. Capsized……

……

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b. Turbulent……

……

……

c. Bellowed……

……

……

GRAMMAR (15mrks)

Complete the sentences by supplying the correct possessive pronouns (3mrks)

1. This desk belongs to me. It is …….
2. The dress belongs to Nankya. It is …….
3. These quotes are by Professor Wangari Maathai. They are …….

Fill in the gaps with the correct article (2mrks)

1. The teacher said that that was ……good advice.
2. The old king died without naming……..heir to his throne.

Provide a word that is pronounced the same as the following (3mrks)

I. Know ……

II. Father ……..

III. Tail …….

Choose the correct option from those given in brackets.(3mrks)

i) I'm sure he wouldn't mind if we _____ early. (arrive/arrived)

ii) If she _____ (comes/came) late again, she'll lose her job.

iii) _____ (we will/we would) call you if we had time.

Rewrite the words by providing the plural form of each **(4 marks)**

I. Goose ……..

II. Mouse ……..

III. Radius …….

IV. Sheep ……..

ORAL SKILLS (10mrks)

I. Define Oral Literature **(2mrks)**

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II. With examples, name three categories of the genres of Oral Literature **(6mrks)**

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III. Give any two qualities of a good story teller **(2mrks)**

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KENYA JUNIOR SCHOOL EDUCATION

GRADE 7 SMARTGRADE SERIES

ENDTERM 1 EXAMINATIONS

KISWAHILI

MUDA: SAA 2

NAME……

ASSESMENT NO; …… SCHOOL; ……..

CLASS…… SIGN……

YA MTAHINI PEKEE

VIWANGO VYA KUTATHMINI

ALAMA	*Chini ya 40*	*40-59*	*60-79*	*80-100*
KIWANGO	*Mbali na matarajio*	*Kukaribia mataraio*	*Kufikia matarajio*	*Kupitisha matarajio*

Insha.

Mwandikie rafikiyo mliyesoma naye barua ukimwelezea mambo mbalimbali kuhusu shule yako mpya ya upili (**Alama 20)**

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USHAIRI

Ukimwi vielelezo, vyake vinoendeleza,
Mtu hasa ni wa mwanzo, Yule asojituliza,
Hupata maambukizo, wengine kuwarukiza,
Hiyo njia mojawapo, inosambaza ukimwi.

Damu nayo huchangiya, pasi na kuichunguza,
Tenye vidudu vibaya, mwengine kumuongeza,
Kuona wasaidiya, kumbe wamuangamiza,
Na hilo ni mojawapo, lisambazalo ukimwi

Shidano kutochemsha, hata nahilo laweza,
Ukimwi kusababisha, kwengine kuufikiza,
Kuona wasalimisha, na huku wadidimiza,
Hiyo ni njia, yatatu, kutapakaza ukimwi.

Tuwe nayo tahadhari, hayana kujikimbiza,
Ni ugonjwa wa tahari, waganga wanaeleza,
Tuufate ushauri, ule wa kujituliza,
Hii ndio njia bora, kujikinga na ukimwi

MASWALI

a) Toa kichwa mwafaka acha ushairi huu **(Al 2)**

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b) Shairi hili ni la aina gani? Eleza sababu**.** **(Al2)**

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c) Eleza vina vya ubeti wa pili**.** **(Al2)**

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d) Andika mizani ya ubetu wa tatu mshororo wa pili. **(Al2)**

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e) Ni mambo yepi yanayosambaza ugonjwa wa ukimwi kulingana na ushairi huu. **(Al2)**

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MATUMIZI YA LUGHA

f) ..

a) Tofautisha kati ya irabu n akonsonanti. **(Al 2)**

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b) Taja kipasuo hafifu cha mdomo **(Al 1)**

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c) Tofautisha kati ya konsonanti (r) na (l) **(Al 2)**

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g) Tunga sentensi zenye miundo hii **(Al 4)**

a) I + N + T + E

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b) N + V + T + E + E

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h) Eleza dhima tatu za lugha **(Al 3)**

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i) .

a) Bainisha viambishi awali na viambishi tamati katika sentensi zifuatazo**.** **(Al 2)**

Analima

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Wanacheza

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b) Kiambishi ni nini? **(Al 1)**

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j) Taja matumizi ya alama hii ya kuakifisha (:) kwa kutoa mifano katiak sentensi **(Al 3)**

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k) Ukitaka kupata maana ya maneno yafuatayo kwenye kamusi utatazama neno gani? **(Al 2)**

a) Alimkibilia

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b) Kilivunjika

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l) Taja aina tatu za maktaba **(Al 3)**

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m) .

a) Je, Kiimbo ni nini**?** **(AL 1)**

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b) Onyesha matumizi matatu ya kiimbo. **(Al 3)**

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n) .

a) Ngeli ni nini? **(Al 1)**

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b) Maneno haya yako katika ngeli zipi**?** **(Al 2)**

i) Mbuyu

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ii) Chetezo

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SEHEMU CHA (C) – ISIMU JAMII

o) .

a) Eleza maana ya maneno yafuatayo. **(Al 2)'**

i) Isimu jamii

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ii) Sajili

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b) Taja kaida tatu za lugha. **(Al 3)**

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16 Soma makala yafuatayo kasha ujibu maswali yanayofuata.

Mhusika A: Karibu kastoma nikuuzie. Hujambo?

Mhusiak B: Salama ndugu. Naomba uniuzie.

Mhusika A: Chagua, kila kitu kipo. Bei nafuu, bei ya kuelewana, vitu fresh.

Mhusika B: Debe moja la viazi vitamu wauzaje?

a) Tambua sajili hii**.** **(al 1)**

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b) Eleza sifa nne za sajili uliyoitambua. **(Al 4)**

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KENYA JUNIOR SCHOOL EDUCATION

GRADE 7 SMARTGRADE SERIES

ENDTERM 1 EXAMINATIONS

MATHEMATICS

NAME……

ASSESMENT NO; …… SCHOOL; ……..

CLASS…… SIGN……

FOR EXAMINERS

ASSESSMENT RUBRICS (for official use)

%SCORE RANGE	Below 40	40-59	60-79	80-100
PERFORMANCE LEVEL	Below expectation	Approaching expectations	Meeting expectations	Exceeding expectations
	1	2	3	4

Answer all the Questions in the spaces provided.

1. A certain country has a population of fifty million, fifty-five thousand, five hundred and five people. What is this population written in symbols? **(1mk)**

2. What is the sum of tot0LValues of the digits in the hundreds and ten thousands position in the number 740536.? **(2mk)**

3. Work out: **(2mk)**

45-7x6÷ 12

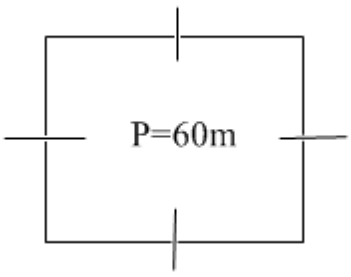
4. Ngoya worked out the difference of LCM of 12 and 24 and the G.C.D of 36 and 54. What answer did he get? **(2mk)**

5. The price of a car is sh.4990675. How much is the amount rounded off to the nearest thousands? **(1mk)**

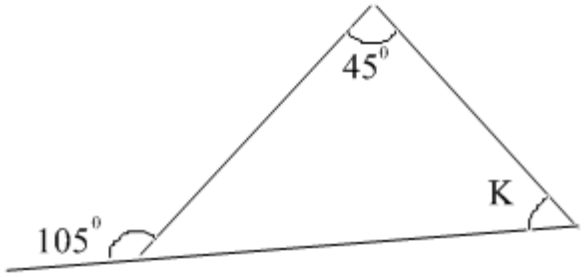
6. What is the smallest number that can be subtracted from 40658 to make it divisible by 11? **(1mk).**

7. What is 2/3, 5/6, 3/4 and 7/12 arranged in increasing order? **(2mk)**

8. The perimeter of the square flower garden shown below is 60 metres. Calculate the area of the flower garden. **(2mk)**



9. Calculate the size of angle marked K in the figure drawn below. **(2mk)**



10. What is the square root of $5\frac{1}{16}$? **(2mk)**

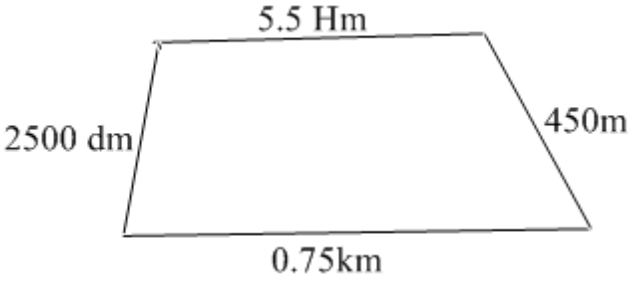
11. Solomon bought a tray of eggs for sh.450. on his way home ten eggs broke and he sold the remaining at sh.18 each. How much loss did he incur? **(2mk)**

12. Simplify; **(2mk)**

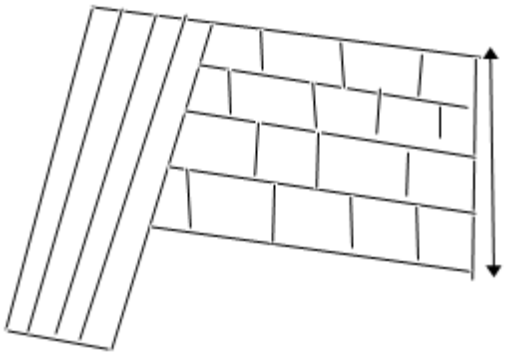
4(3n+m) + 2(3n-m) 2M

18N+2M

13. Calculate the distance round the figure drawn in metres**.** **(2mk)**

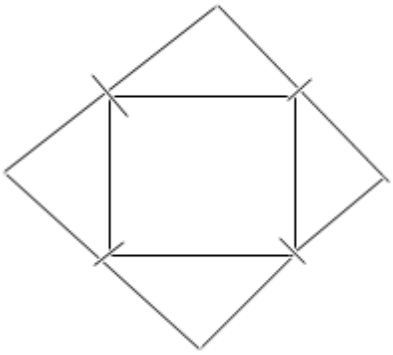


14. A mason constructed a ramp to take materials to the top of a building 6m high as shown below. The distance between the foot of the ramp and the vertical wall is 8m, what is the length of the ramp. **(2mk)**

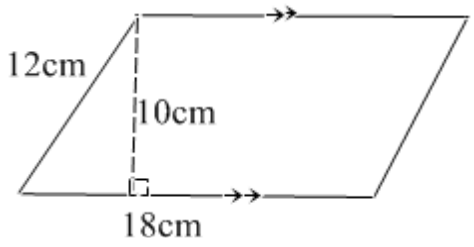


15. What is the number 29.34046 rounded off to the nearest thousandths? **(2mk)**

16. The figure below represents the net of a solid. The net is folded to form the solid. How many edges will the solid have? **(1mk)**



17. Find the area of the figure below. **(2mk)**

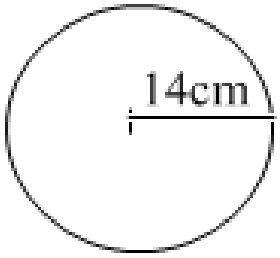


18. The table below shows the arrival and departure time for buses from a certain company serving Mombasa to Nakuru.

Station	Arrival time	Departure time
Mombasa	_____	9.00 a.
Mtito Andei	12.10 pm	12.50 pm
Machakos	3.00 pm	3.30 pm
Nairobi	4.10 pm	4.35 pm
Naivasha	6.05 pm	6.20 pm
Nakuru	7.35 pm	_____

How long does the bus take to travel from Machakos to Naivasha? **(2mk)**

19. Find the area of the circle drawn (take = π =22/7 **(2mk)**



20. A school bus left the school at 4.45 p.m to transport learners' home. What was the time in 24hrs clock system? **(1mk)**

21. Work out: **(2mk)**

Tonnes	kilograms
15	450
+6	775

22. A dairy farmer sells 240 000 cm3 of milk every day. How many litres of milk does the farmer sell every day? **(2mk)**

23. What is the value of **x** in the equation. **(2mk)**

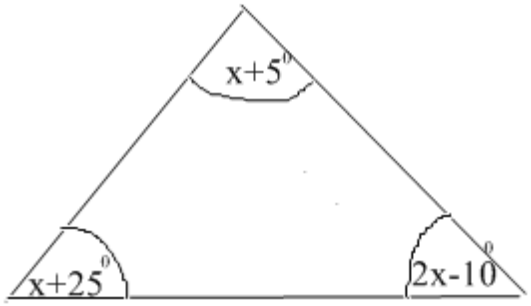
$5x+3\ (x-4)=36$

24. Work out. **(2mk)**

$0.072 \div 0.6$

25. The area of a rectangular plot is 576m2. What is the length of a square with the same area? **(2mk)**

26. The interior angles of a triangle are as shown below.



Find the value of x. **(2mk)**

27. A cube has a volume of 3.6m3. What is the volume of the cube in cubic centimetres? **(1mk)**

28. Convert 72000m2 into hectares. **(2mk)**