

1. Students of grade 9 were given the number 231483799.065 to write in words.
 - a) Write down the correct answer they gave. (1mk)
 - b) Round off the number above to the nearest hundredths. (1mk)
 - c) How much is the total number of 2 more than the total number of digit 8? (2mks)

2. During a mathematical lesson, the teacher wrote the sum below. Work out the calculation. (2mks)

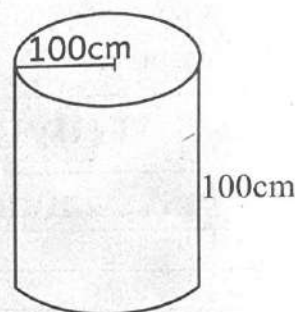
18 of $15 - (49 \div 7 + 12)$

3. How many significant figures are in the number below? (1mk)
 - (a) 0.0038709
 - (b) Round off the number above to 2 significant figures (1mk)

4. Omuse who is grade 9 learner worked out the conversion of a decimal to a fraction and got 0.4544. What was the possible fraction he was converting?

5. Bidii junior school has a cubic water tank that has a volume of 27000 m^3 .
 - (a) What is the measure of one side of the tank in metres? (2mks)
 - (b) Convert one side of the tank into centimetres (1mk)

6. The diagram below shows a water container



- (a) What is the capacity of the container? (2mks)
- (b) A family used a quarter of the water in the container
 - i. What is the capacity of the water that was used in cm^3 ? (2mks)

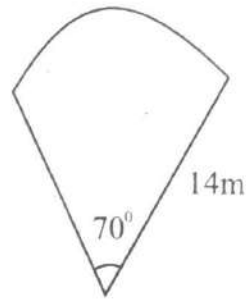
- ii. What was the capacity of the water that remained in litres? (2mks)

7. Jasmine bought a fridge on hire purchase terms. The cash price of the fridge was sh. 60,000. She paid a deposit of sh. 30000 and paid the remaining amount of money in two months at sh. 20000 instalment per month.
- (a) Calculate the hire purchase price of the fridge (2mks)

- (b) Wesonga bought the same fridge at a cash price and was allowed a discount of sh. 10000.
- i) How much more did Jasmine pay than Wesonga? (2mks)

- ii) Calculate the percentage discount given to Wesonga. (2mks)

8. The diagram below shows a section of a window pane. Calculate the area of the section (2mks)



9. 18 men can comfortably paint a whole apartment in 90 days. If 12 more men were hired to do the same job, how many days will they take to paint the apartment? (2mks)
10. A grade 9 was asked to get the cube root of the number 15625. Find the right answer given. (2mks)
11. Thomas bought 4 oranges and 4 avocados at a price of sh 200. Catherine bought 3 oranges and 5 avocados at sh 180.
- a) What is the price of an orange? (2mks)
- b) What is the price of an avocados? (1mk)

12. Workout the following indices
 $2^4 \times 2^3 =$

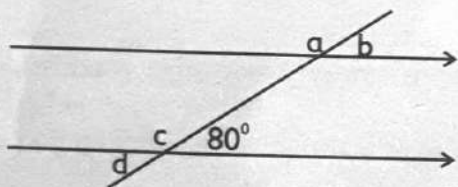
(2mks)

13. A business man deposited sh 100000 in a bank for 3 years. If the bank operates at an interest rate of 8.5% per annum,

a) Calculate the interest accrued in the 3 years
(2mks)

b) Calculate the total amount he withdrew after 3 years. (1mk)

14. The diagram below shows angles formed on a parallel lines and a transversal that cuts through them.



Workout the angles represented by the letters

a-

b-

15. Peter who has a brother in grade 7 was approached by him to help solve the question below. Show the steps carried out by Peter in working out the equation. (3mks)

$$\frac{1}{6} \text{ of } \frac{2}{3} \times \frac{5}{8}$$

16. Omulamuzi has a shamba in the shape of a trapezium. The area of his shamba is 180m^2 . One of the parallel side is 20m while the side representing the height measures 12m. Find the measure of the other parallel line. (3mks)

17. The temperature of Ice was recorded as -5°c . Write this temperature in Kelvin. (2mks)

18. Wafula keeps chicken in his homestead. He buys 4.24kg of chicken feed weekly to feed his 20chicken. What amount of feed does one chicken consume in a week? (3mks)

19. State the currency used in United States of America
(1mk)

TARGETER WINGS

JUNIOR SCHOOL ASSESSMENT

GRADE 9 - 2025



Wings
001

ENGLISH

TIME: 1hr 40mins

Name _____
School _____
Adm No: _____ Date _____

Instructions:

- Write your name, school, admission number and date in the spaces provided above.
- Answer all questions in this question paper.

FOR EXAMINER'S USE ONLY			
Questions	Maximum score	Student's score	Performance scale
1 - 35	50		
Total	50		

SECTION A

Read the passage below then answer the questions that follow.

It was during the dry season. The sky was cloudless, and blue week after week. The paddy field was drying up. Soon, only little puddles of water were left. Fish that once swam freely now crowded into these puddles; hoping to live through the dry period. Ducks flocked to the paddy field to eat the fish.

Often they had so much to eat that they forgot to go home. One evening they did not return, so Eddie had to go and chase them home. He rounded them up and shooed them in the direction of his house. In a single file, the ducks waddled homeward by themselves. The sun was behind the dark distant hills. Eddie turned to go home too. Then, he caught a glimpse of something glistening in a nearby puddle. He went to it and saw a big silver carp. Its scales were silvery and its fins had a touch of red at the edges.

Eddie caught it in a second and ran home with the beautiful carp clasped between his hands. He put it in a bucket and filled the bucket with water. It lay still at first. Then, it began to swim. Day after day Eddie fed it and changed the water regularly. The carp grew stronger and fatter.

1. Why couldn't the fish swim freely? (2mks)

2. For the ducks, the dry season was a blessing. Explain this statement. (2mks)

3. Ducks waddle while elephants _____ . (1mk)

4. What caught Edie's attention? (1mk)

5. Edie can be described as? (2mks)

Read the passage below then answer the questions that follow

Tigers are the largest of all the big cats. A full grown tiger is about 3 metres long. Its beautiful colouring makes it one of the most magnificent animals.

Unlike most cats, tigers are not afraid of water. In fact, they are frequently seen cooling themselves in shallow water on hot days. During the rainy season when the rivers are flooded, tigers have been seen to spend most of their time in rivers catching fish and turtles for food. They also take to the water in search of stranded prey. Being very strong swimmers, tigers can cross a swift river easily. At other times, tigers hunt in the forest. Their power and agility enable them to prey on almost any animal they choose. Deer, antelope, wild cattle and even young elephants make up a large part of their diet. They also eat small animals such as hares and monkeys. Even crabs and swarming insects like the locusts are edible to tigers. Unlike the lions, tigers hunt alone and not as a team. A tiger does not hunt all the time. It makes a kill only once or twice in a week and this is normally done at night. During the day, it spends most of its time resting in long grass or thick vegetation near a pond or river.

A tiger resting quietly in the dense cover of the jungle is not easily spotted. The stripes on its golden coat blend naturally with the bright and shadowy patches of the leaves or grass blades and that keep camouflaged. This ability to hide itself through body colour and pattern matching with the surroundings enables a tiger to creep close to its prey without alerting it.

6. What sets tigers apart from the rest of the cats? (2mks)

6. Why are they often in water during the rainy season? (1mk)

7. Tigers can be described as? (2mks)

8. The word camouflaged as used in the passage could be replaced by?(1mk)

Read the passage below then answer the questions that follow

One weekend, my father decided to go fishing. He had called up a close friend to join him on this fishing trip. I was very eager to go as well, so I asked my father if I could go with him. He thought about it for a while and then agreed to take me with him. That night, he cleaned up his fishing rods and got out his hat.

We woke up at five o'clock in the morning and had a quick breakfast. My mother had prepared a nice picnic basket for us. My father had arranged to pick up his friend on our way to the pond. After a long drive, we arrived at the Rainbow Fishing Pond. There were a few other fishing enthusiasts who were preparing their fishing rods with bait. We found a shady place near a huge tree and set out our things. As my father and his friend hooked bits of prawns to their fishing rods, I decided to walk around and take a look. When I got back to our spot, my father and his friend had already cast their line but had not caught anything yet. I took out three bottles of drink from the picnic basket and handed my father and his friend a bottle each. They had hardly taken a sip when they felt a pull on their rods.

They quickly put down their drinks and hung on to their rods. As they pulled in their lines, I saw what they had caught. My father had caught a small carp, while his friend had caught a large trout. That was the first catch of the day.

9. In note form, write down the order of events in the story. (4mks)

SECTION B: GRAMMAR

Re-write the following sentences correctly (3mks)

10. Mr. Juma reached at school more early than the learners.

11. The victims of the accident have been in hospital since 2 months.

12. We played under the shade as the animals grazed freely.

Replace the underlined word with the correct phrasal verb. (3mks)

13. Robbers stole and escaped with goods of unknown value
14. I asked Irene to reduce the volume so that I could sleep.
15. The plane carrying the president landed at 7 pm.

Fill in the blanks with the correct word from the brackets (3mks)

16. Share these cakes _____ the two of you. (among, between)
17. The children were _____ under the trees when it started raining. (lying; laying)
18. This is _____ book. (the more unique, a unique, the most unique)

Complete the following sentences with the correct word. (3mks)

19. The monkey groomed _____ baby.
20. _____ book over there is mine.
21. They drove _____ to the museum because the driver was busy.

Add the correct question tag

22. I am a candidate this year, _____ ?
23. He hardly speaks English, _____ ?
24. There is nobody in the house, _____ ?

SECTION C: LITERARY ANALYSIS

Read the story below then answer the questions that follow.

Once upon a time, there was a merchant who lived in a small village by the edge of a desert. One day, he rode on his camel to town to buy wheat, millet and fruit. The journey through the desert was long and hot. On his way, he passed by a huge rock. He alighted from his camel to cool and rest himself in the shadow of the rock.

While he was resting, he noticed a damp patch on the sand. He went near to take a closer look and found oil oozing out from the ground. He quickly dug into the sand and oil flowed out like spring water. He jumped up and shouted, "In every desert of calamity, there is an oasis of hope!". Hastily, he emptied all his water bags and filled them with oil. Soon, all the four bags were full. "I'll sell the oil, buy another camel and some more bags to get all the oil," he thought happily and then hurried to town.

He sold the oil, bought what he needed and returned hurriedly. He filled the bags and loaded the two camels with bag after bag of oil. The sun was setting rapidly but the greedy merchant carried on filling his bags with oil and tying them to the poor camels. He threw away all his water and used the bags for more oil. At last, he was too exhausted to work. So, he climbed onto one of the camels to ride to town. To his dismay, the camel stumbled after a few steps and collapsed. All the bags burst and the precious oil disappeared into the sand in no time. "What a silly beast!" said the angry merchant. Then, he climbed onto the other camel. Alas, that camel too collapsed under the extra weight. The bags of oil vanished into the sand. The merchant, weary and saddened, sighed. Empty-handed, he began to walk back to the town.

25. Describe the character of the merchant. (2mks)

26. Mention one feature of style used in the narrative. (2mks)

27. If you were narrating this story, at what point must you use facial expressions? (2mks)

28. What do you learn from the story? (1mks)

Read the poem below then answer the questions that follow.

A Friend in Need

By Macharia Mwangi

A friend is like a tree in the desert.
Providing a shade for your comfort.
When situations are unbearably hot.
A friend in need in a friend in deed.

A friend is like a fire-extinguisher.
That helps you stop the fires of displeasure.
Mishaps that put your life under pressure.
A friend in need is a friend in deed.

A friend is like a perennial spring.
With waters of love forever flowing.
And tastes sweet and cool to the tongue.
A friend in need is a friend in deed.

A friend appreciates your moments of glory.
Cheers you on as you edge towards victory.
Celebrates with you when you get the trophy.
A friend in need is a friend in deed.

29. Describe the structure of the poem. (2mks)

30. Name 2 features of style used in the poem. (2mks)

31. Who is the persona in the poem? _____ (1mk)

SECTION D: READERS

Read the extract below then answer the questions that follow.

Every Saturday Michael went to the big market to buy provisions. Sometimes when he had many things to buy he took Chike with him. Chike did not help in the buying but in carrying some of the things home. He did not mind this at all. In fact he liked it. While Michael bargained with the traders, Chike stood aside watching the great river as it flowed peacefully down to the sea. He watched the fishermen in their canoes coming down the river or struggling up against it. Some of the canoes were houseboats; they had roofs of thatch over them. Chike was told that the fishermen lived for weeks or months in these boats. But what Chike liked most was to watch the big ferryboats. They looked enormous to him. He wondered what big ships would look like. His class teacher had told them that big ships could only be seen at Lagos, Port Harcourt or Burutu. But surely these ferryboats at Onitsha were big enough. What did anyone want bigger boats for? Even the canoes were big enough for some people to live in. The more Chike saw the ferryboats the more he wanted to make the trip to Asaba. But where would he get the money? He did not know. Still, he hoped. "One day is one day," he said, meaning that one day he would make the journey across the river.

From (Chike and the River)

32. According to the passage, who is the main character. (1mk)

33. Why did the fishermen need houseboats? (2mks)

34. What inspired Chike to go to Asaba? (1mk)

35. Which proverb best describes Chike's desire. (1mk)

TARGETER WINGS
JUNIOR SCHOOL ASSESSMENT
GRADE 9 - 2025



TIME: 40mins

SECTION B:
ENGLISH : COMPOSITION

Name _____	
School _____	
Adm No: _____	Date _____

READ THESE INSTRUCTIONS CAREFULLY

1. *Write your name, school, admission number and date in the spaces provided above.*
2. *Now open the page, read the instructions of the composition carefully and write your composition on the lines provided.*

This Question Paper consists of 4 printed pages.

TARGETER WINGS
JUNIOR SCHOOL ASSESSMENT
GREDI YA TISA - 2025
KISWAHILI



Muda: Saa 1 dakika 20

Jina	_____
Shule	_____
Nambari ya Usajili:	_____ Tarehe _____

Maagizo

- (a) Andika jina lako, la shule, nambari ya usajili na tarehe kwenye vihasho uliopewa.
(b) Jibu maswali yote kwenye karatasi hili.

MTAHINI PEKEE			
Swali	Upeo wa alama	Alama ya mwanafunzi	Kiwango cha utendaji
1-29	Alama 50		
Jumla	50		

SEHEMU:A

UFAHAMU

Soma kifungu kifuatacho kisha ujibu maswali yafuatayo

Mwanamke wa kisasa anazaliwa na kukulia katika mazingira yaliyobadilika mno. Matazamio yake maishani ni tofauti na yale ya wanawake walioishi mapote mawili yaliyopita; wanawake wa makamu ya nyanyake na mamake .

Yeye hatarajii kuzaliwa, kukua, kuolewa, kuwa mke wa bwana, kumzalia watoto, na daima dawamu kuwa “mwandani wa jikoni” akawapikia watoto na bwanake chakula; na akitoka jikoni aelekee shambani kulima, kichakani kuchanja kuni, mtoni kufua nguo na kuteka maji ya kutumia nyumbani. Mwanamke wa kisasa huandamana na mwanamume. Akanyagapo mume naye papo huutia wayo wake.

Mwanamke wa kisasa huenda shule na kujifunza yote yafunzwayo huko. Hushindana na wanawake kwa wanaume na kuibuka mshindi si mara haba. Huibuka mshindi katika masomo yake ya lugha, historia, jiografia, hesabu, sayansi na mengineyo, sawa na mwanamume. Mwanamke wa kisasa hutaka kufanya kazi za kibega, akazifanya. Akitaka kuwa mwalimu, akawa. Akitaka kuwa daktari, akafanikiwa. Almuradi, siku hizi mwanamke hufanya kazi yoyote ile afanyayo mwanamume. Kuna wanawake marubani wa ndege, masonara, waashi, wahandishi, madereva wa magari, mawakili, mahakimu, mawaziri wakuu na hata marais wa nchi. Hakuna kazi isiyoweza kufanywa na mwanamke siku hizi.

1. Je, ni yapi ambayo mwanamke wa kisasa ameweza kuyafanya tofauti na yule wa kitambo? (Alama 2)

2. Kutokana na aya ya pili mwanamke wa kale ana majukumu ambayo alitarajiwa kuyatimiza. Yataje majukumu manne ayafanyayo. (Alama 4)

3. Kando na kuwa Mwalimu kutokana na kifungu hiki,yapi mengine mwanamke wa kisasa ameweza kuhitimu na kuwa. (Alama 2)

4. Ni jambo lipi ambalo umeweza kijifunza kutokana na Habari hii? (Alama 1)

Soma kifungu kifuatacho kisha ujibu maswali

Dawa za kulevya ni donda ndugu katika taifa letu. Ni zimwi linalotesa na kuwalaza wazee kwa vijari. Halichagui jinsia, tabaka, rangi wala umri. Uraibu wa dawa hizi hauna faida yoyote. Wanaotumia dawa za kulevya huzitia mwili kwa kunusa, kuvuta, kumeza na kujidunga sindano. Zinapoingia katika miili ya watu madhara huwa mengi .

Kuna wale wanaokosa hamu ya kula, wengine huambukizwa maradhi kama vile ukimwi wanapotumia sindano zilizotumiwa na watu wenye virusi vya maradhi hayo kujidunga sindano na kutia dawa mwilini.

Mihadarati pia inaweza kufanya mtu awe mwendawazimu. Vifo pia hutokea ikiwa uraibu utazidi na mtu akose kupata matibabu. Mtu anayetumia dawa za kulevya huathirika akili. Yeye huwa hana uamuzi wenye hekima katika maisha yake. Wengi wao hushiriki katika vitendo vya uhayawani. Wao hukosa fikra utu. Baadhi yao wamebaka kina mama na watoto wadogo na wengine wamezua vita katika familia na kusababisha madhara makubwa katika jamii zao kwa sababu ya ulevi.

5. Taja baadhi ya dawa za kulevya zinazozungumziwa kwenye kifungu. (Alama 2)

6. Ni njia zipi ambazo watumiaji wa dawa za kulevya huzitia dawa hizo mwilini. (Alama 3)

7. Dawa za kulevya zina madhara gani kwa watumiaji? (Alama 2)

SEHEMU:B

UFUPISHO

Vyombo vya habari hutumika kupasha watu habari kutoka upande mmoja hadi mwingine. Vyombo hivi vina manufaa kwetu. Vyombo hivyo ni kama vile runinga, radio, magazeti,tarakilishi na vinginevyo.

Umuhimu mmoja wa vyombo hivi ni kuelimisha. Watu huelimishwa kuhusu jinsi ugomvi unaweza kuepukika katika familia. Pili huelimishwa juu ya magonjwa tofauti kama vile ukimwi, kipindupindu na mengine na jinsi ya kujikinga au kupata matibabu.

Mbali na hayo, vyombo hivi hutumika kuarifu. Watu huarifiwa kuhusu serikali yao, hususan jinsi mambo yanavyoendeshwa, uhusiano kati ya wajumbe serikalini na hapo kuwaacha watu na maarifa ya kufanya uamuzi bora utakaowanufaisha. Vyombo hivi pia huarifu kuhusu matukio kama ajali za barabarani, majumba kuchomeka na hata mashambulizi ya kigaidi pamoja na matukio mengine. Hii ni muhimu kwani watu huwa na habari kuhusu yanayoendelea

8. Kipe kifungu hiki kichwa mwafaka. (Alama 1)

9. Andika ujumbe wa kauli zilizokolezwa rangi katika aya ya kwanza kwa maneno yasiyozidi (16)
(Alama 2)

10. Kwa sentensi moja taja vyombo vya Habari vilivyotajwa. (Alama 1)

SEHEMU: C

MATUMIZA YA LUGHA

Katiba ni _____ 11 _____ wa kisheria unaoweka _____ 12 _____ ya kijamii kuendesha mambo. _____ 13 _____ muhimu ni kila _____ 14 _____ ajue katiba ya nchi _____ 15 _____.

- | | | | |
|-------------------|--------------|-------------|----------------|
| 11. A. sharti | B. utaratibu | C. ukabila | D. ukatili |
| 12. A. mipangilio | B. mpigo | C. mpango | D. jukumu |
| 13. A. Jambo | B. Swala | C. Kanuni | D. Sheria |
| 14. A. raia | B. riadha | C. mwenyeji | D. mwekahazina |
| 15. A. wetu | B. wake | C. yako | D. yake |

Kuanzia swali la 16 hadi 23, jibu swali kulingana na maagizo

16. Weka majina yafuatayo katika ngeli zinazofaa. (Alama 2)

- a) Maziwa - _____
b) Chumvi - _____

17. Kanusha sentensi ifuatayo. (Alama 2)
Ungemwacha mtoto wako pale angeteswa sana

18. Andika kisawe cha neno "ukuta". (Alama 1)

19. Badilisha vitenzi vifuatavyo katika kauli ya kutendesha. (Alama 2)

- i. Shuka - _____
ii. Anguka - _____

20. Andika udogo wa neno "mtoto" kisha ulitungie sentensi sahihi. (Alama 2)

21. Toa mifano miwili ya nomino ya pekee. (Alama 2)

22. Andika kwa wingi. (Alama 2)

Asingalisikiliza wazazi, asingalipata baraka.

23. Toa matumizi mawili ya alama ya mshazari. (Alama 2)

SEHEMU:D

FASIHI

Mtoto wetu lala
Mtoto wetu lala
Mama ameenda sokoni
Kununua ndizi, atakuja na ndizi nyingi
Ndizi kubwa itakuwa yako
Utakula yote mtoto wetu
Kwa sababu mama anakupenda
Mama anakupenda sana
Mtoto wetu lala
Baba ameenda shambani
Mimi mlezi wako nitakutunza kwa upendo
Nitakuandalia samaki
Mtoto wetu lala
Mama anakupenda sana

24. Wimbo huu ni wa aina gani? Fafanua. (Alama 2)

25. Andika sababu ya kuimba wimbo huu. (Alama 1)

26. Mbali na aina hii ya nyimbo, taja aina nyingine ya nyimbo. (Alama 2)

SEHEMU:E

DONDOO

Tesi aliwaongoza wenzake kubuni kikundi cha Tufaane. Kikundi hicho kilianzisha mradi wa kupanda mboga chini ya uelekezi wa mwalimu wao. Kikataa chao kilijaa na kusaza aina za mboga zilizonawiri kweli kweli. Si mchicha, si kabeji, si sukumawiki, si munavu hata mchungu na kisamvu zilikuwako.

Kutokana na mboga hizi, Tesi na wenzake waliweza kulisha si jamii ya shule tu bali majirani wa karibu na mbali. Sifa zao zikaenea kote kama moto nyikani. Wenzao wenye mahitaji hawakuachwa nyuma. Kipato kutokana na mauzo ya mboga hizi kilitumiwa kuwanunulia vifaa vya kimsingi vya ujifunzaji. Baadhi ambao walikuwa karibu kuipungia shule mkono wa kwaheri wakaokolewa, nao wakajiona wenye bahati kama ya mtende. Hawakuacha kumiminia Tesi sifa.

27. Eleza maswala matatu yanayojitokeza katika sehemu hii ya dondoo. (Alama 2)

28. Tesi ana sifa kama zipi kutokana na tukio hili. Zifafanue. (Alama 2)

29. Taja na kueleza mbinu zilizotumiwa katika dondoo hili. (Alama 1)

TARGETER WINGS
JUNIOR SCHOOL ASSESSMENT

GREDI YA TISA - 2025

SEHEMU B:

KISWAHILI : INSHA

Wings
001

MUDA: Dakika 40

Jina _____

Shule _____

Nambari ya Usajili: _____ Tarehe _____

SOMA MAAGIZO HAYA KWA MAKINI

1. Kwenye nafasi zilizoachwa hapo juu **andika jina lako na jina la shule yako.**
2. Sasa fungua karatasi hii, soma kichwa cha insha kwa makini na uandike insha yako kwenye nafasi uliyoachiwa.

Kijitabu hiki kina kurasa 4 zilizopigwa chapa.

1. Scientists use chemical symbols instead of names to refer to elements since they are easier and convenient. Chemical symbols of elements can either be derived from their English names or Latin names. Match the elements below with their chemical symbols. (5 marks)

- i. Iron
- ii. Magnesium
- iii. Copper
- iv. Nitrogen
- v. Gold

2. Sharon sprayed a strong perfume on herself. The scent spread throughout the class and it could be smelt by all learners. This was as a result of (1 mark)

3. A group of learners used a light microscope to view a plant cell. If the total magnification was x250 and the objective lens magnification was x25, work out the eyepiece lens magnification. (2 marks)

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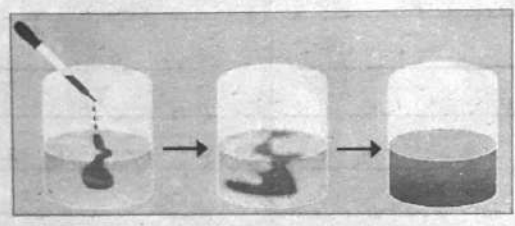
4. Fire can be categorised into various classes based on their causes. Outline the causes of the classes of fire shown below (5 marks)

- (a) Class A
- (b) Class B
- (c) Class C
- (d) Class D
- (e) Class K

5. Grade 8 learners of Joy school were discussing characteristics of particles in the three states of matter. Write the characteristics of particles in each state. (3 marks)

- a) Solid.....
- b) Liquid.....
- c) Gas.....

6. During an experiment, Grade 8 learners placed some drops of red ink at the bottom of a beaker with cold water as shown below. They left the beaker for some time. They observed that the red colour of the ink had spread throughout the water.



The red ink spread as a result of(1 mark)

7. Joe used a microscope to observe a specimen. The eyepiece lens had a magnification of x5 and the total magnification was x100. Calculate the magnification of the objective lens Joe used. (2 marks)

.....

.....

8. Grade 9 learners at Queens School were revising about movement of materials in and out of the cell. They were given some definitions of terms by their teacher. Define the following terms as they defined them

- a) Osmosis -

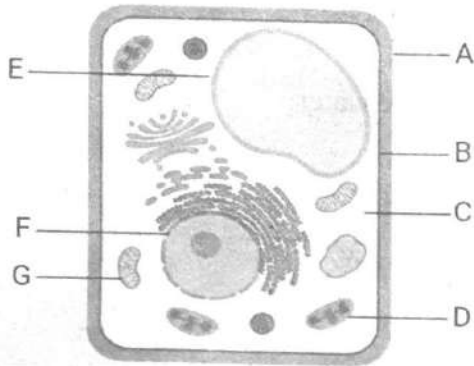
..... (2 marks)

b) Diffusion - (2 marks)

9. During a tour to a fire station, Grade 8 learners learnt that for a fire to burn, there are three components that must be present as found in a fire triangle. Name the three components. (3 marks)

- i)
- ii)
- iii)

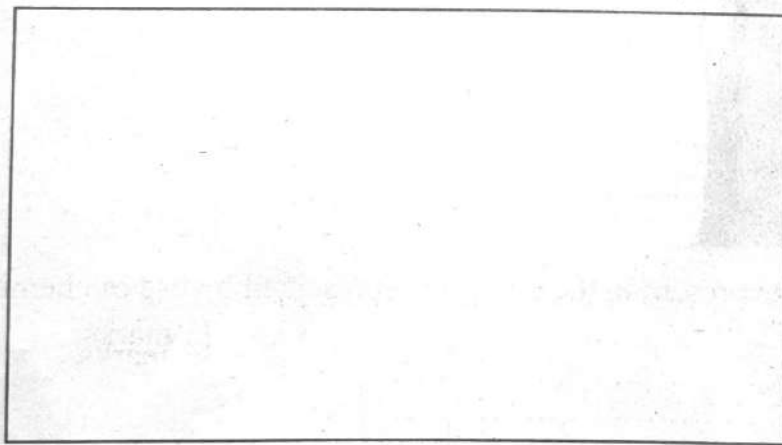
10. Grade 8 learners at Vision Academy were observing plant and animal cells under a light microscope.
a) They observed a plant cell as shown below.



Name the parts labelled B, D and F (3 marks)

- B
- D
- F

b) Draw and label an animal cell as they saw it under a light microscope (3 marks)



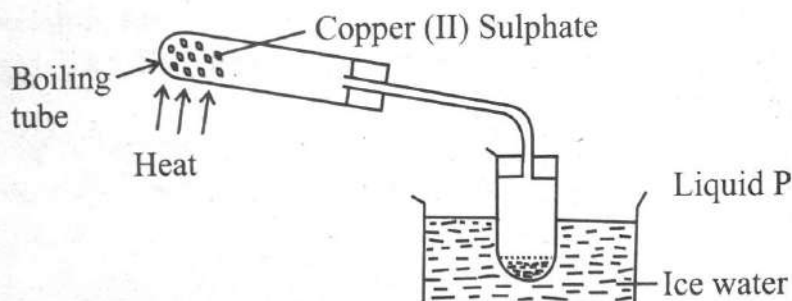
c) Plant cells and animal cells have similarities as well as differences. Outline three differences between plant cells and animal cells (3 marks)

Plant cells	Animal cells

11. During a visit to a power generation plant, Grade 7 learners at Mary school learnt about various sources of electricity. Mention any 3 sources that they learnt. (3 marks)

- i.
- ii.
- iii.

12. Grade 8 learners carried out the experiment below as they were learning temporary and permanent changes in substances. They heated Blue hydrated copper (II) Sulphate as shown below.



- a) What did they observe? (1 mark)
- b) The product formed after heating is known as (1 mark)
- c) When water was added to the substance in (b) above, what was observed? (1 mark)
- d) The above experiment demonstrates an example of a change. (1 mark)

13. Among the information found on packaging labels of products is the elements and compounds contained in the product. A farmer bought the fertilizer shown below for his crops.



Name the three elements present in the fertilizer represented by use of chemical symbols. (3 marks)

- i.
- ii.
- iii.

14. The human excretory system removes waste from our bodies. Mention two body organs that help in excretion (2 marks)

- i.
- ii.

15. While discussing about the structure of an atom, Grade 9 learners were asked to name the particles present in an atom. List the three particles they named (3 marks)

- i.
- ii.
- iii.

TARGETER WINGS

JUNIOR SCHOOL ASSESSMENT



GRADE 9 - 2025

SOCIAL STUDIES



TIME: 1 hour 20 mins

Name _____
School _____
Adm No: _____ Date _____

Instructions:

- (a) Write your name, school, admission number and date in the spaces provided above.
- (b) Answer all questions in this question paper.

FOR EXAMINER'S USE ONLY			
Questions	Maximum score	Student's score	Performance scale
1	2		
2	3		
3	3		
4	4		
5	3		
6	3		
7	3		
8	3		
9	3		
10	2		
11	3		
12	4		
13	3		
14	3		
15	3		
16	3		
17	2		
Total	50		

1. David, a grade 9 learner in Mema school was asked by his Social Studies teacher to define the term career path. Which right response did he give? (2mks)

2. Mary and Peter are twins and they are in Grade 9. They both want to be engineers in their careers. Which three career pathways should they pursue? (3mks)

- (i) _____
- (ii) _____
- (iii) _____

3. Identify **three** factors to consider in the selection of a pathway. (3mks)

- (a) _____
- (b) _____
- (c) _____

4. Grade 9 learners were asked to use their digital devices and search for the meaning of the following terms as used in the Scientific theory of human origin. Which answers did they give? (4mks)

(i) Evolution : _____

(ii) Fossils: _____

(iii) Archaeology: _____

(iv) Mutation: _____

5. Name **three** visitors who came to the East Coast of Africa by 1500A.D. (3mks)

- (i) _____
- (ii) _____
- (iii) _____

6. Define the term climate (3mks)

7. Identify **three** primary sources of historical information. (3mks)

(a) _____

(b) _____

(c) _____

8. Grade 9 learners watched a video clip on Trans-Saharan slave trade. After watching, their Social Studies teacher asked them to name three effects of the trade. Which were their correct responses? (3mks)

(i) _____

(ii) _____

(iii) _____

9. Outline **three** marginal information on a map. (3mks)

(i) _____

(ii) _____

(iii) _____

10. Explain **two** challenges that you are likely to encounter when planning to solve a gap in your community when conducting community learning project. (2mks)

(i) _____

(ii) _____

11. Identify **three** characteristics of a peaceful family. (3mks)

(i) _____

(ii) _____

(iii) _____

12. Grade 9 learners were given a task to find out from their digital devices ways of celebrating Socio-cultural diversities. State **four** ways they came up with. (4mks)

- (i) _____
- (ii) _____
- (iii) _____
- (iv) _____

13. Identify **three** negative effects of rural-urban migration. (3mks)

- (i) _____
- (ii) _____
- (iii) _____

14. Using your digital device, identify the three components of the constitution of Kenya 2010. (3mks)

- (i) _____
- (ii) _____
- (iii) _____

15. Name **three** rights of a child. (3mks)

- (i) _____
- (ii) _____
- (iii) _____

16. Using your digital device, find out **three** ways of conserving historical sites and monuments. (3mks)

- (i) _____
- (ii) _____
- (iii) _____

17. State **two** causes of climate change. (2 mks)

- (i) _____
- (ii) _____

CHRISTIAN RELIGIOUS EDUCATION

1. During a C.R.E lesson, you learnt about the consequences of sin after the fall of man. Write three consequences of sin after the fall of man. (3mks)
a) _____
b) _____
c) _____
2. Grade eight learners discussed the causes of sin today. List **three** ways of how you can overcome temptations as a young person. (3mks)
a) _____
b) _____
c) _____
3. You brainstormed on how God demonstrated his love after the fall of mankind. Write **three** ways that you found out. (3mks)
a) _____
b) _____
c) _____
4. In pairs, you discussed the promises made by God to Abraham. Write **three** promises that God gave Abraham. (3mks)
a) _____
b) _____
c) _____
5. During a C.R.E lesson, you brainstormed in small groups reasons why the Israelites demanded for a king. List **three** points that your group came up with (3mks)
a) _____
b) _____
c) _____
6. Your class conducted library research on the failures of King Saul. List **three** points that you noted in your exercise book. (3mks)
a) _____
b) _____
c) _____
7. A teacher assigned learners from your class to categorize the books of the Old and the New testament. Write **three** categories of the Old Testament books. (3mks)
a) _____
b) _____
c) _____
8. You were asked to explain the healing of blind Bartimaeus. List **three** lessons learnt from the healing of the blind Bartimaeus. (3mks)
a) _____
b) _____
c) _____
9. A C.R.E teacher put learners in groups to discuss the miracle of calming the storm. Learners were told that storms are the challenges that they face in life. List **two** ways of how you overcome challenges that you face in your day-to-day life. (3mks)
a) _____
b) _____
c) _____
10. When Jesus Christ healed the paralytic, the Pharisees accused him of blasphemy. Write the meaning of blasphemy. (2mks)

11. You learnt that prayer is talking and listening to God. List **three** importance of prayers in the life of a Christian. (3mks)
a) _____
b) _____
c) _____

12. Your teacher gave you an assignment to make notes on the parable of the lost sheep. List **three** lessons learnt from the parable of the lost sheep. (3mks)
 - a) _____
 - b) _____
 - c) _____
13. Grade eight learners watched a video on the day of Pentecost. Outline **two** events that occurred on the day of Pentecost. (2mks)
 - a) _____
 - b) _____
14. During a C.R.E lesson, your class played a game on the fruit of the Holy Spirit. List **three** ways on how you can practice the fruit of humility at school. (3mks)
 - a) _____
 - b) _____
 - c) _____
15. Compassion is showing kindness to those who are needy and suffering. List **three** acts of compassion that you can practise in your community. (3mks)
 - a) _____
 - b) _____
 - c) _____
16. While learning about family relationships, you discussed roles of different members of a family. Write **two** responsibilities of children in the family. (2mks)
 - a) _____
 - b) _____
17. In the Bible study session, you discussed causes of conflicts in families today. Identify **two** points that you noted. (2mks)
 - a) _____
 - b) _____
18. A teacher put learners in groups to discuss values and life skills needed to avoid irresponsible sexual behaviour. List **three** skills that your group identified. (3mks)
 - a) _____
 - b) _____
 - c) _____

ISLAMIC RELIGIOUS EDUCATION
SECTION A (30MARKS)

1. Explain the meaning of Ulum Al-Qur'an (2mks)

2. Jamal, a grade 9 learner has been asked by his I.R.E teacher to explain **two** reasons why the Qur'an is a miracle. Give **two** reasons that Jamal is likely to give (2mks)

3. Which language was the Qur'an revealed? (2mks)

4. Juma, a grade nine learner at Mukurweini Junior Secondary is preparing a chart on the styles of the holy Qur'an. Mention any two points that Juma is likely to include on his chart. (2mks)

5. Ramla and her friend Zahida are discussing on the Qur'an. Highlight any **two** characteristics of the language of the Qur'an they are likely to come across (2mks)

6. State any two teachings of surah Al-Hujurat (2mks)

7. Amina, a Grade 9 learner has been asked by her teacher to steal some maize from the school farm and roast for her. What would be the right course of action for Amina to take in relation to the Hadith of the prophet? (2mks)

8. Juma is preparing a talk on the importance of respect for the school prefects. Mention one point that Juma is likely to include in his preparation (2mks)

9. During an I.R.E lesson, Zubeda was asked to teach his classmates how to perform swalat. Which method of teaching that was used by the prophet (S.A.W) would you advise her to use? (1mk)

10. Mention any one factor that led to the development of Hadith during the time of the Rightly Guided Caliphs. (1mk)

11. Munir, a grade Nine learner is preparing a chart on the characteristics of revealed scriptures. Mention any two characteristics that are likely to appear on Munir's chart. (2mks)

12. Muhammad is planning to get married but is faced with a dilemma of choosing between two women. Which prayer should Muhammad perform in order to make the correct decision? (1mk)

13. Salim, a grade Nine learner has a habit of getting angry every time. Mention three ways that Salim can adopt to manage his anger (3mks)

14. Identify any two ways that a learner can use to forbid evil (2mks)

15. Mr Dagane and his friend Hashim are planning to sign an agreement on how they can start a business partnership. Mention any two conditions that their agreement should fulfill for it to be valid. (2mks)

16. Ibrahim has marital issues with his wife and he is considering to divorce her. Mention any two methods of conflict resolution in marriage that he should consider (2mks)

SECTION B (20 MARKS)

Answer ALL Questions in the spaces provided

17. Jamaldin wants to have a discussion with his friends on the miraculous nature of the Qur'an. Mention any four points that Jamaldin will use in his discussion (4mks)

18. Explain the four main forms of Hadith (4mks)

19. Grade Nine learners at Kariandusi Junior Secondary school were asked to write short notes on Ulul-Azmi prophets. Mention the names of four of the five prophets that are referred to as Ulul-Azmi. (4mks)

20. Your father is planning to perform Umrah next year and has asked you to take him through the rites of Umrah. State the rites that you would take him through. (4mks)

21. Ja'afar, a grade Nine learner is doing a research on the different forms of deviant sexual behaviour. Name any four forms that Ja'afar is likely to come up with (4mks)

TARGETER WINGS

JUNIOR SCHOOL ASSESSMENT

GRADE 9 - 2025



CREATIVE ARTS AND SPORTS

TIME: 1 hour 20 mins

Name _____
School _____
Adm No: _____ Date _____

Instructions:

- (a) Write your name, school, admission number and date in the spaces provided above.
- (b) Answer all questions in this question paper.

FOR EXAMINER'S USE ONLY			
Questions	Maximum score	Student's score	Performance scale
1	2		
2	4		
3	2		
4	4		
5	1		
6	2		
7	2		
8	1		
9	2		
10	5		
11	1		
12	2		
13	4		
14	1		
15	2		
16	3		
17	2		
18	2		
19	2		
20	1		
21	5		
Total	50		

10. Yego was practising the javelin throw. List the phases of the javelin throw that he followed from the start up to the end. (5mks)

11. Study the following Kodaly hand sign and identify its solfa syllable. (1mk)

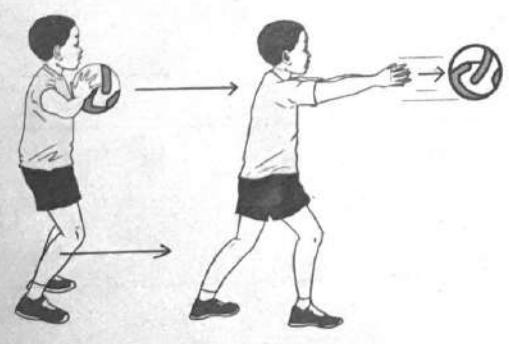


12. Describe the interval of a perfect 4th in a melody created on the G-major. (2mks)

13. Study the following question phrase and compose a 2-bar answering phrase. (4mks)



14. Study the following picture and identify the netball skill being executed. (1mk)



15. List **two** methods of fabric decoration. (2mks)

(a) _____

(b) _____

16. List three techniques of playing the descant recorder.

- (a) _____
- (b) _____
- (c) _____

17. Read the following stanza of a verse and describe how you would perform the last line. (2mks)

Son,

Son, life is not as easy as abc or 123 or ABC,

For exceeding expectations does not call you by your name,

Nor does good performance in sports, music, and drama come running to you,

So, son, study hard, and listen to your teachers.

18. Identify a folk dance from any Kenyan community and the occasion of its performance. (2 mks)

19. Identify two careers that are related to the study of Creative Arts and Sports. (2mks)

20. When is a person said to be physically fit? (1mk)

21. (a) List **two** swimming pool safety precautions that you should adhere to when at a swimming pool. (2mks)

(b) What is water treading? (1mk)

(c) Describe how a swimmer breathes while executing the inverted breaststroke swimming skill. (2mks)

1. Janet a grade 9 girl was requested by her pre-technical studies facilitator to state two properties of ceramic materials, what was her response? (2mks)

2. During a pre-technical studies lesson on storage devices, learners came across the following terms: **RAM** and **ROM**. What do they stand for? (2mks)

3. Write whether the following are goods or services. (2mks)

(a) Furniture - _____

(b) Nursing - _____

4. Explain the following functions of scratch. (6mks)

(a) Palette

(b) Coding area

(c) The stage

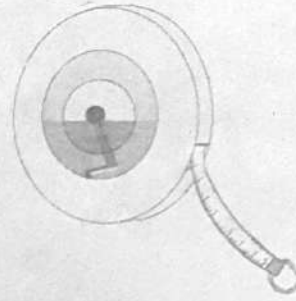
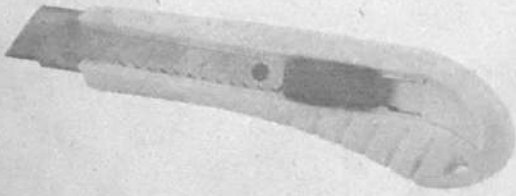
5. Write down any two composite materials found in the environment. (2mks)

6. Arrange the following computers from the smallest to largest. (4mks)

- (i) Main frame computers
- (ii) Mini computers
- (iii) Micro computers
- (iv) Super computers

7. Name the following measuring and marking tools shown below.

(2mks)



8. Match the following online safety threats with the correct meaning.

(4mks)

Online threat

Meaning

Cyber bullying

Tricking people online to steal their personal information.

Phishing

Hurting or upsetting someone using the internet.

Hacking

Tricking people online to steal their personal information.

9. State one advantage of using written communication over verbal communication.

(2mks)

10. Mwelu owns a craft shop. During the month of August, these transactions occurred; She bought raw materials for sh5 000 in cash, sold crafts worth sh.10000 in cash, sold other crafts worth sh. 8000 on credit. She paid rent for the shop of sh. 2000 in cash. Mwelu withdrew sh.1000 from the business for personal use. Use the above information to determine; total expenses, total revenue and the profit or loss she made.

(5mks)

11. Give one example of each of the following application software.

(3mks)

(a) Presentation software

(b) Word processing

(c) Spreadsheet

12. Name the raised platforms below.



13. State two risks associated with raised platforms.

(2mks)

14. Samora wanted to build a raised platform to check if it is safe for people to work on.

(a) What can Samora do to make sure the platform is safe to use?

(2mks)

(b) What tests can be done to check if the platform is strong and stable?

(2mks)

(c) Why is it important to check and fix the platform regularly?

(2mks)

15. What are hazardous substances?

(2mks)

16. State one example of each of the following hazardous substances

(a) Flammable substances

(2mks)

(b) corrosive substances

(2mks)

(c) poisonous substances

(2mks)

17. Joan was sent to the market and saw this symbol on the wall of a factory near the marketplace. What does this symbol mean?

(2mks)



TARGETER WINGS

JUNIOR SCHOOL ASSESSMENT

GRADE 9 - 2025



AGRICULTURE

Time: 1 hr 20mins

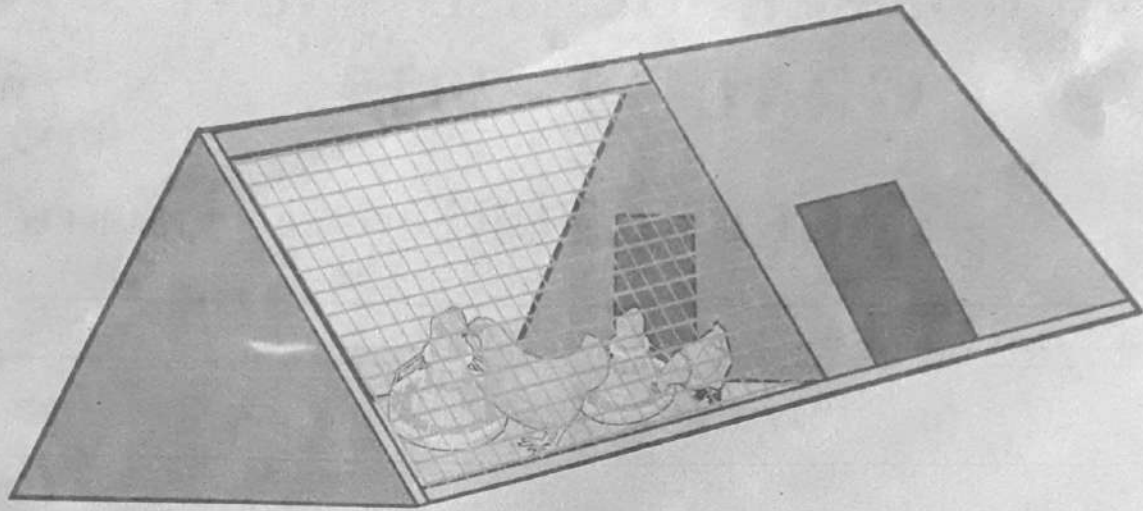
Name _____
School _____
Adm No: _____ Date _____

Instructions:

- (a) Write your name, school, admission number and date in the spaces provided above.
- (b) Answer all questions in this question paper.

FOR EXAMINER'S USE ONLY			
Questions	Maximum score	Student's score	Performance scale
1	4		
2	3		
3	2		
4	3		
5	3		
6	5		
7	3		
8	2		
9	1		
10	4		
11	3		
12	2		
13	5		
14	4		
15	3		
16	3		
Total	50		

1. Grade 9 learners visited a farm neighbouring their school and they observed the structure shown below.



a) What is the name of the structure? (1 mark)

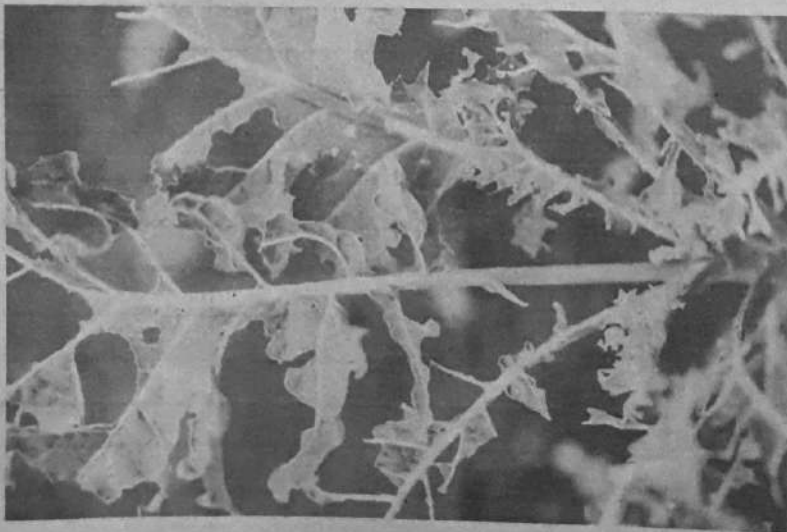
b) State 3 importance of the structure shown above. (3 Marks)

- i) _____
ii) _____
iii) _____

2. Michael visited his grandmother's farm and observed different methods used to conserve soil in Agricultural environment. State 3 methods that are applied. (3 Marks)

- i) _____
ii) _____
iii) _____

3. Mrs. Janet is a vegetable farmer. She observed the vegetable shown below on her farm.



a) Identify the sign of pest attack on the vegetable crop. (1 Mark)

b) Name the pest that caused the damage on the vegetable shown above. (1 Mark)

4. During the Agriculture lesson, learners were asked to discuss different methods of controlling pests on the farm. Identify 3 methods they discussed. (3 Marks)

i) _____

ii) _____

iii) _____

5. Abigael was told by her parents to write down the importance of processing fresh fish and dressing poultry carcass for various purposes. State 3 points she wrote. (3 Marks)

i) _____

ii) _____

iii) _____

6. John wants to help his mother process fresh fish. Write 5 correct order of activities he will carry out.

(5 Marks)

i) _____

ii) _____

iii) _____

iv) _____

v) _____

7. Write 3 importance of preserving meat and milk. (3 Marks)

i) _____

ii) _____

iii) _____

8. Maimuna, a grade 9 learner, was asked by her mother to preserve milk she had bought from the market. State 2 methods used to preserve milk at home. (2 Marks)

i) _____

ii) _____

9. What is a waterer? (1 Mark)

10. Grade 8 learners used the locally available materials to make waterers for small domestic animals. List 4 examples of materials they used. (4 Marks)

- i) _____
- ii) _____
- iii) _____
- iv) _____

11. State 3 importance of using innovative waterer in animal rearing. (3 Marks)

- i) _____
- ii) _____
- iii) _____

12. Write 2 safety precautions one should observe when using ICT to access Agricultural support services. (2 Marks)

- i) _____
- ii) _____

13. Give 5 examples of Agricultural support services that are given to farmers to enhance efficiency in both crop and animal production. (5 Marks)

- i) _____
- ii) _____
- iii) _____
- iv) _____
- v) _____

14. Grade 9 pupils prepared a balanced meal for their parents during Sports day. Write 4 factors they considered. (4 Marks)

- i) _____
- ii) _____
- iii) _____
- iv) _____

15. State 3 routine cleaning practices of a kitchen. (3 Marks)

- i) _____
- ii) _____
- iii) _____

16. List 3 methods of conserving forage in coping with drought. (3 Marks)

- i) _____
- ii) _____
- iii) _____



TARGETER WINGS JUNIOR SCHOOL ASSESSMENT GRADE 9 - 2025 MARKING SCHEME

Wings
001

MATHS

- a) Two hundred and thirty one million four hundred and eighty three thousand seven hundred and ninety nine and sixty five thousandths.
b) 231483799.07
c) 200
- 251
- a) 5s.f
b) 0.0039
- $\frac{5}{11}$
- a) 30m
b) 3000cm
- a) 3140000cm^3
i) 1785000cm^3
ii) 2,355l
- a) 70000
b) 20 000
c) $33\frac{1}{2}\%$
- 119.78m^2
- 54days
- 25
- a) sh. 35
b) sh. 15
- 128
- a) 25500
b) 125500
- a) 120°
b) 80°
- $\frac{5}{72}$
- 10m
- 268
- 212g
- Dollar

ENGLISH

Passage questions 1-5

- Because they were cramped into little puddles of water which restricted their movement
- The dry season was a blessing for the ducks because they had easy access to plenty of fish.
- Lumber/amble
- A big silver carp
- Responsible, observant and kind

Passage questions 6-8

- They are not afraid of water
- To catch fish and turtles for food
- Strong swimmers and lone stealthy hunters
- Hidden/concealed

Passage question 9

- The writer's father agreed to bring him along to his fishing trip
- His father planned for the fishing trip the night before
- They got up early had breakfast and picked his father's friend on the way
- The writer's father and his friend baited fish with prawn as he walked around
- The writer distributed drinks from his mother's picnic basket

- His father caught a small carp while his friend caught a large trout

Grammar questions 10-24

- Mr Juma reached at school earlier than the learners.
- The victims of the accident had been in the hospital for two months.
- We played in the shade as the animals grazed freely.
- Got away
- turn down
- touched down
- between
- lying
- a unique book
- its
- That
- themselves
- aren't I?
- does he?
- is there?

Passage questions 25-28

- The merchant was greedy and cruel. Despite having made enough money, he wanted more. He would not let the camels rest despite the fact that they were exhausted.
- Opening formula "once upon a time" Proverb/wise saying "in every desert of calamity there is an oasis of hope"
- When the merchant found oil to express joy
When the camel collapsed to express dismay
When the merchant says "what a silly beast" to express anger
- Grasp all lose all or any other expression about greed

Poem questions 29-31

- The poem is made up of 16 lines
It has three stanzas
- Repetition
Metaphor
Simile
Rhyming
- A friend

Passage 32-35

- Chike
- They lived at sea for long periods of time (weeks extending months)
- He was fascinated by ferry boats
- The frog in the well only sees the sky above.

WRITING

The teacher to evaluate the learner's composition.

KISWAHILI

1. UFAHAMU

- Huenda shule na kufanya kazi mbalimbali.

Yeye hushindana na wanaume na kuibuka mshindi.

- Majukumu ya mwanamke wa kale
 - Kuwapikia watoto na bwanake.
 - Kwenda shambani kulima.
 - Kuchana kuni kichakani
 - Kufua nguo na kuteka maji ya kutumia nyumbani.
- Marubani wa ndege.
Masonari, waashi, wahandisi, madereva wa magari, mawakili, mahakimu, mawaziri wakuu na marais.
- Hakuna kazi isiyofanywa na mwanamke siku hizi.

UFAHAMU 2

- Baadhi ya dawa za kulevya
I. mihadarati Kv. bangi
II. pombe
- Kunusa
Kuvuta
Kumeza
Kujidunga na sindano
- Madhara ya dawa za kulevya
I. Wengi hukosa hamu ya kula
II. Kuambukizana ukimwi kwa kutumia sindano moja.
III. Humfanya mtu kuadhirika akili/kuwa mwendawazimu.

UFUPISHO

- Vyombo vya habari
- Hakiki kazi ya mwanafunzi awe amezingatia hoja muhimu. mfano umuhimu wa vyombo ni kuelimisha watu kuhusu kuepuka ugomvi wa kifamilia na jinsi ya kujikinga magonjwa.
- Vyombo vya Habari ni kama vile; runinga, redio, magazeti na tarakilishi.

MATUMIZI YA LUGHA

- (B) utaratibu
- (C) mpango
- (A) ni
- (A) raia
- (D) yake
- a) YA – YA
b) I – ZI
- Usingemwacha mtoto wako pale asingeteswa sana
- ufa
- a) shukisha
b) angusha
- Udogo wa mtoto ni kitoto au kijitoto Sentensi :mfano kitoto kimeiba
- Kagua majibu ya mwanafunzi Mfano: Yona, Kenya..
- Wasingalisikiliza wazazi, wasingalipata baraka.
- Kuandikia tarehe mf. 2/02/2025 Hutumika kuonyesha 'au' ama Majina yaliyo na maana sawa. Mf. Koma/kipumuo.

FASIHI

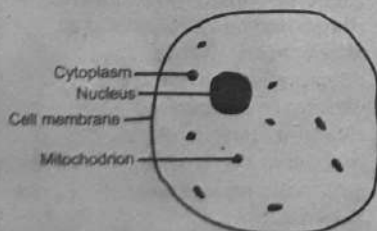
24. Bembelezi/ bembea. Huimbiwa Watoto .
25. Sababu ya kuimba wimbo huu ni kumnyamazisha mtoto anapolia.
26. Hakiki aina za nyimbo alizoziandika mwanafunzi.
Mf. Nyimbo za dini.
Nyiso/nyimbo za tohara.
Hodiya/ nyimbo za kazi.

DONDOO

27. 1. Kubuni kundi la la tufaane.
2. Kundi hili lilikuwa na upanzi wa mboga
3. Tufaane iliawezesha kukidhi mahitaji yao mengine
28. Bidii- tunaona bidii aliyonayo Tesi Pamoja na wenzake
Uwajibikaji- Tesi anaonyesha uwajibikaji wake kwa jinsi anavyowaongoza wenzake kubuni kikundi cha Tufaane.
Mshikamano/ umoja/ utangamano – huu unajidhihirisha kati ya Tesi na wenzake ambao unaleta manufaa mengine.
(maswala mengine ni kama elimu na unyenyekevu. (Hakiki kazi ya mwanafunzi)
29. Mwalimu ahakiki kazi ya mwanafunzi

INTEGRATED SCIENCE

1. Iron - Fe
Magnesium - Mg
Copper - Cu
Nitrogen - N
Gold - Au
2. Diffusion
3. $X250/X25 = X10$
4. a. Combustible solid materials such as paper, wood, textiles
b. Liquids like oil, petrol, diesel
c. Flammable gases
d. Electricity/electrical equipment
e. Cooking oils and fats
5. Solids – close together, regular pattern, cannot move but can vibrate in their positions
Liquids – not very close together, irregular pattern, can move in random directions
Gases – Far apart, irregular pattern, can move quickly in random directions
6. Diffusion
7. $X100/X5 = X20$
8. Osmosis is the movement of water molecules from a region of high concentration to a region of low concentration through a semi-permeable membrane.
Diffusion is the movement of molecules from a region of high concentration to a region of low concentration.
9. Heat, oxygen and fuel
10. **B Cell membrane**
D Chloroplast
C Cytoplasm



PLANT CELL	ANIMAL CELL
Has a cell wall	Has no cell wall
Usually large	It is small
Some have chloroplasts	Chloroplasts are absent
Has a definite shape	Does not have a definite shape

Geothermal generators, wind turbines, hydroelectric power generators, solar panels

12. a. The Hydrated copper (II) Sulphate turned white and lost its water
b. Anhydrous Copper (II) Sulphate
c. It turned back to Blue Hydrated Copper (II) Sulphate
d. Temporary change
13. Nitrogen, Phosphorous, Potassium
14. Skin, lungs, kidneys
15. Neutron, electron, proton

SOCIAL STUDIES

1. It is the professional journey that one chooses to follow to pursue one's interests and achieve one's goals in work life.
2. - Science
- Technology
- Engineering
- Mathematics
3. (i) The time the career will take.
(ii) The availability of funds (money)
(iii) Abilities and interests in the pathway.
4. (i) Evolution : Gradual development of man from a simple state to a more complex state.
(ii) Fossils : The remains of early man and their tools
(iii) Archaeology : The study of the remains of fossils (remains of early human beings)
(iv) Mutation : Changes in the structure of an organism as a result of changes in the environment.
5. (i) Romans
(ii) Persians
(iii) Greeks
6. It is the average weather conditions to a place recorded over a long period of time like 30-35yrs.
7. (i) Recordings
(ii) Manuscripts
(iii) Diaries
8. (i) Many people died on transit
(ii) It caused family separation
(iii) It led to racial discrimination.
9. (i) Title
(ii) Key
(iii) Grid coordinates
(iv) Map identification
(v). Compass direction
10. (i) Financial constraints or shortage
(ii) Bad weather like heavy rains
11. (i) Members embrace dialogue to sort out misunderstanding
(ii) Members share chores to make work easy.
(iii) Rights and responsibilities of each member are respected.
12. (i) Organizing fairs and exhibitions of artefacts

- (ii) Organizing cultural days to celebrate culture.
- (iii) Listening and embracing mother tongue
- (iv) Embracing traditional foods.
13. (i) Causes congestion in urban areas.
(ii) Increases cases of unemployment.
(iii) High rate of criminology.
14. (i) The preamble
(ii) Chapters
(iii) Schedules
15. (i) Right to life (fundamental)
(ii) Right to basic needs (food, shelter and clothing
(iii) Right to education
(iv) Right to healthcare
(v) Right to leisure (play)
(vi) Protection from sexual abuse
16. (i) Fencing areas around them
(ii) Government gazetted them as reserved and protected areas
(iii) Repairing them in case of damage
17. (i) Deforestation (careless cutting down of trees)
(ii) High rate of smokes from industries and vehicles.

C.R.E.

1. (i) The snake was cursed
(ii) The friendship between man and God was spoilt
2. (i) Praying to God
(ii) Asking for advice from parents or guardians
3. (i) God looked for human beings when they ran to hide from Him
(ii) God made clothes out of animal skin for Adam and Eve and clothed them
4. (i) God would bless Abraham
(ii) God would make Abraham's name famous
5. (i) Samuel had grown too old and could not perform his duties well
(ii) The Israelites wanted to be like other nations
6. (i) King Saul was not patient
(ii) King Saul disobeyed God's command
7. (i) Books of law
(ii) Prophetic books
8. (i) Jesus has power over all illnesses
(ii) We should have faith in Jesus
9. (i) Praying to God
(ii) Asking for help from other people.
10. Blasphemy is the act of insulting or showing lack of respect to God.
11. (i) When we pray, we receive God's blessings
(ii) Prayer helps us overcome temptations
12. (i) God is caring and loving
(ii) Christians should rejoice when sinners repent their sins
13. (i) All believers were gathered together in one place
(ii) There was noise from the sky which sounded like a strong wind blowing
14. (i) Listening when other learners talk to you

- (ii) Not showing off what you have to other learners
- 15. (i) Visiting the sick
- (ii) Helping the aged with chores such as cleaning their homes
- (iii) Sharing food with the hungry
- 16. (i) Obey instructions from their parents or guardians
- (ii) Respect members of the family
- 17. (i) Poor communication
- (ii) Peer pressure
- 18. (i) Assertiveness
- (ii) Decision making
- (iii) Critical thinking

I.R.E.

1. Sciences of the Qur'an
2. i) It is easy to memorize the Qur'an
- ii) It contains scientific information that man has either recently discovered or is yet to discover.
3. Arabic
4. i) Each surah has a title
- ii) All surahs begin with Bismillahi except surah At-Tawbah
5. i) It has metaphors
- ii) It has similes
6. i) Believers should avoid suspicions
- ii) Believers should avoid raising their voice above that of the prophet or leaders.
7. Politely refuse.
8. One is rewarded by Allah (S.W.T)
9. Demonstration
10. i) The need to interpret the Qur'an
- ii) The applications of the teachings of the Qur'an
11. i) They have similar messages
- ii) They all came from Allah (S.W.T)
12. Swalatul Istikharah
13. i) Sitting down if he was standing
- ii) Lying down if he was sitting
- iii) Performing wudhu
14. i) Using his hand/force
- ii) Using his tongue
15. i) There must be a witness
- ii) The partnership must be based on halal goods or trade
16. i) Talking to her politely
- ii) Separating beds

SECTION B (20 MARKS)

Answer ALL Questions in the spaces provided

17. i) Allah promises to protect it
- ii) It was revealed to unlettered prophet
- iii) It gives scientific details discovered by the enquiries and research made by man in centuries.
- iv) It gives in-depth analysis of future events and the Hereafter
18. i) Qaul: The words said by the prophet
- ii) Fiil: Actions or deeds of the prophet
- iii) Taqrir: Silent approval of the prophet of actions done by his companions
- iv) Sifat: Attributes of the prophet
19. i) Ibrahim (A.S)
- ii) Muhammad (S.A.W)

- iii) Issa (A.S)
- iv) Musa (A.S)
20. i) Performing Tawaaif
- ii) Performing Sa'ay
- iii) Putting on Ihram
- iv) Shaving the hair
21. - Prostitution
- Fornication
- Bestiality
- Homosexuality

PRE-TECHNICAL STUDIES

1. - Ceramics are very hard and resistant to scratching or wear
- Ceramics can withstand very high temperatures without melting or deforming
2. RAM – Random Access Memory
- ROM – Read Only Memory
3. Furniture – goods
- Nursing – services
4. a – Block palette - This is where all the coding blocks are located.
- b – Scripting/coding area - This is where blocks are arranged to create the code.
- c – The stage - This is where the project is displayed and actions are shown.
5. ceramics and metals
6. micro computers, mini computers, main frame computers and super computers
7. marking knife and tape measure
- 8.

Online threat	meaning
Cyber bullying	Tricking people online to steal their personal information.
Phishing	Hurting or upsetting someone using the internet.
hacking	Tricking people online to steal their personal information.

9. Advantage: Written communication provides a permanent record of information, while verbal communication may be forgotten or misunderstood over time.
10. **Total expenditure**
 - Raw materials for sh5 000
 - Rent sh2 000
 - Personal use sh1 000
 - Total Expenditure = **sh8 000****Total Revenue**
 - Crafts sold in cash sh10 000
 - Crafts sold on credit sh8 000
 - Total Revenue **sh18 000****Profit = Total Revenue – Total Expenditure**
 = sh18 000 – sh11 000
 = **sh. 7 000**
11. Presentation software – Microsoft Power Point
- Word processing – Microsoft Word
- Spreadsheet – Microsoft excel
12. Work bench and ladder
13. Falls from Height: Platform Collapse:
14. (a) Use strong materials and ensure proper construction.

- (b) Test for weight capacity and stability.
- (c) To prevent accidents and ensure long-term safety.
15. Hazardous substances are materials that can cause harm to people, animals, or the environment. These include chemicals, gases, or other substances that are toxic, flammable, corrosive, or harmful when inhaled, swallowed, or touched.
16. (a) Flammable substances: Kerosene (used for cooking and lighting).
- (b) Corrosive substances: Strong cleaning agents like bleach.
- (c) Poisonous substances: Pesticides used in farming.
17. Warning of flammable substance

AGRICULTURE

1. a) - A poultry fold
- b)
 - It protects the poultry from predators and theft.
 - It protects the poultry from harmful weather conditions.
 - It provides to the birds, controlled environment for proper growth, health, and productivity.
 - It helps in maintaining hygiene and managing diseases by separating poultry from external contaminants.
 - It enables us to collect poultry droppings efficiently, which can be used as manure for agricultural purposes.
2. - Strip cropping
- Grassed waterways
- Stone lines
- Trash lines
- Soil bunds
3. a - Punctured leaf
- b - A caterpillar
4. - Handpicking
- Applying ash
- Removing affected vegetable crop parts
- Uprooting heavily affected vegetable crops
5. - For easier transportation.
- For storage
- It enables it stay for a long period of time.
6. - Scaling, gutting, cleaning, salting, frying
7. - To extend the shelf life of meat and milk by slowing down the growth of microorganisms.
- To reduce the risk of food borne illnesses by keeping products fresh and safe for consumption.
- To help in storing surplus products for future use, minimizing wastage.
- To preserve the nutrients in meat and milk for longer periods.
8. - Boiling
- Refrigeration
- Fermentation
9. - A waterer is an equipment used for supplying water to domestic animals.

10. - Plastic bottles
- Broken pots
- Used car tyres
- Old jerrycans
- Old basins
11. - They keep water for long thus conserving it.
- They reduce water contamination.
- They conserve the environment by reusing locally available materials.
- They offer employment opportunities to people who make and sell them to farmers.
12. - Avoid sharing sensitive details with unauthorized personnel.
- Verify the identity of the ICT support team before granting access.
- Always back up important files before troubleshooting.
- Keep the area free of hazards like tangled cables.
13. - Weather forecast
- Veterinary services
- Input supply
- Extension services
- Market information services
- Banking services
14. - Age
- Health status
- Occasion
- Gender
15. - Special occasions
- Daily cleaning
- Weekly cleaning
16. - Stacking
- Baled hay making
- Standing forage

CREATIVE ARTS

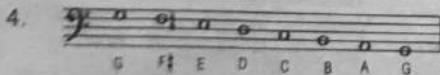
1. Social role:

- Source of entertainment
- Promotes cultural identity.
- Promotes cohesion
- Cultural preservation
- Promotes citizenship

2. Preparing the background surface by painting.

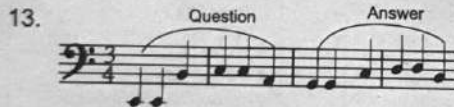
- Collected 1mk and cut 1mk the pictures of creative arts and sports activities
- Pasted the pictures collected on the painted surface to make a photographic storyboard.

3. - Character : voice that is used to convey the message and feelings in verse. Also known as the persona.
- Setting: refers to the time and place and emotional atmosphere based in where the verse's events or emotions occur.



5. Ledger lines are short lines that extend above or below the treble staff to notate pitches that are outside the staff's normal range. Ledger lines are used to indicate pitches that are higher or lower than the staff's normal range.
6. - A larger element naturally

- stands out because it occupies more visual space.
- Size variation helps create a visual hierarchy, therefore, larger objects are perceived as more dominant, and smaller ones as secondary or supporting.
7. - Red and Green
- Blue and Orange
- Yellow and Purple
- 8.
9. A montage is a technique used in visual arts where different images pasted on a surface create a new meaning or to convey a particular message or emotion. While a collage is artistic technique that involves assembling different materials (such as photographs, paper, fabric, or other objects) onto a surface, to form a unified artwork.
10. - Carry
- Approach run
- Cross-over
- Release
- Follow through
11. Ti/ t
12. The interval of a perfect 4th is the distance between the root note (G) and the note that is four letter names away, C, or any other note pair that maintains this interval relationship, such as D to G or F to B.



14. Chest pass.
 15. - Tie and dye
 - Stencil printing
 16. - Fingering
 - Pinching
 - Slurring
 - Embouchure
 - Tonguing
 - Blowing
 17. I will make sure that my voice is audible to the audience and use gestures. While saying the word son, I will point at a person in the audience, when saying study hard I will hold my hands like I am holding a book and bring them to my eyes as if I am reading and when I say listen to your teachers I will touch my ears.
 18. Varied answers. Mark relevant responses for example: Eunoto dance among the Maasai performed during the 10th anniversary after initiation.
 19. Varied answers. Mark relevant responses. For example creative arts and sports teacher, journalism, musicians, weavers, athletes, painters, visual artists, and potters.
 20. A person is fit when they have the physical ability to perform daily tasks efficiently, and they maintain good health through regular exercise, and proper nutrition.
- Optional section. Answer one of the following questions

21. a. Avoid running around the pool.
- Only swim under the supervision of the teacher or swimming pool instructor.
- Know your swimming limits and do not push yourself harder than you can.
- Wear swimming costumes that are appropriate.
- Do not push each other into the pool.
- Observe pool hygiene and health precautions.
- b. Water treading is a technique used in swimming where a person stays afloat in water by using a combination of arm and leg movements.
- c. Inhalation: The swimmer inhales through the mouth by slightly lifting the head above the water. Exhalation: The swimmer exhales through the nose when the head is submerged in water.

FRENCH

1. Les responses code 001. Grammaire 1.(10mks)

1. au
2. à la cuisine
3. aux.
4. au
5. à la main.
6. à l' œil.
7. aux
8. à la
9. à la
10. au.

Grammaire 2.(10mks)

1. ma mère est belle.
 2. mes amis sont bien.
 3. il est grand.
 4. bonsoir classe
 5. elle est petite
 6. Tu es près de la classe.
 7. vous aimez jouer le football
 8. il aime jouer le piano.
 9. c'est une télévision.
 10. j' habite à Nairobi.
- (Any sentences in french using the above words).

Grammaire 3.(15mks)

- Karoli: how do you do Jennie.
 Jennie: I am doing well.
 Karoli: where are you going?
 Jennie: I am going to the shop
 Karoli: you would like to buy sweets?
 Jennie: yes and the pizza too
 Karoli: good, me I would like to play football
 Jennie: you love to play football? I love to play the piano.
 Karoli: is your family okay?
 Jennie: my family is okay
 Karoli: goodbye , have a good day
 Jennie : goodbye see you soon!

Grammaire 4.

- Mon professeur (15mks)
 Make sure the composition is comprehensive and has the correct grammar.mark accordingly look for vocabularies and essay flow