

KENYA JUNIOR SCHOOL EDUCATION ASSESSMENT

GRADE 9 - YEAR 2025

MATHEMATICS



002

Name _____ Assessment No. _____

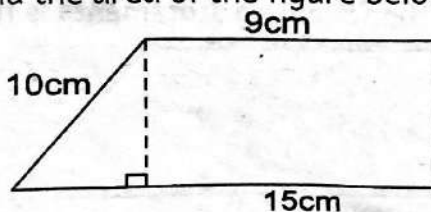
School _____ Date. _____

Instructions: This paper co

TIME: 2HRS

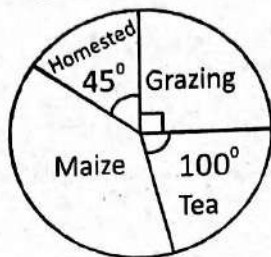
SECTION A : (20Mks)

1. What is the smallest number that can be divided by 12, 18 and 27 without a remainder?
A. 5832 B. 36 C. 108 D. 3
2. Salt weighing 3 tonnes was packed in 250g packets. How many packets were there?
A. 1200 B. 12000 C. 12 D. 120
3. Express $2\frac{1}{4} \div 7\frac{1}{2}$ as a percentage
A. 30% B. 25% C. 40% D. 25%
4. What is the next number in the sequence below?
4, 11, 22, 37, _____?
A. 52 B. 58 C. 54 D. 56
5. On Monday, $\frac{1}{4}$ of the workers were absent. On Tuesday, only $\frac{1}{6}$ of the workers were absent. If 12 more workers were absent on Monday than on Tuesday, how many workers are there altogether?
A. 48 B. 120 C. 72 D. 144
6. What is the difference in the value of $2\frac{14}{25}$ and the square of $\frac{2}{5}$?
A. $1\frac{11}{15}$ B. $\frac{4}{5}$ C. $2\frac{2}{5}$ D. $1\frac{3}{5}$
7. What is the value of $23 \div 7$ correct to 3 decimal places?
A. 3.28 B. 3.285 C. 3.286 D. 3.29
8. A lorry weighs 3.6 tonnes when empty. It weighed 6.3 tonnes when loaded with 90kgs bags of wheat. How many bags of wheat were loaded?
A. 70 B. 110 C. 40 D. 30
9. What is the value of $\sqrt{4.2849}$
A. 2.7 B. 207 C. 0.207 D. 2.07
10. Cherono spent Sh.8100 on food in May. In the month of June she spent 10% less on Food than in May. How much money did she spend on food in June?
A. Sh. 810 B. Sh. 7290 C. Sh. 9000 D. Sh. 8910
11. Find the area of the figure below

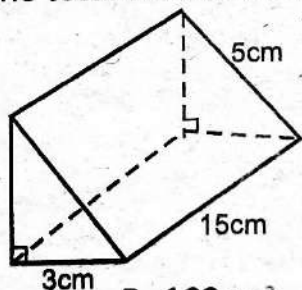


- A. 120cm²
- B. 150cm²
- C. 96cm²
- D. 75cm²

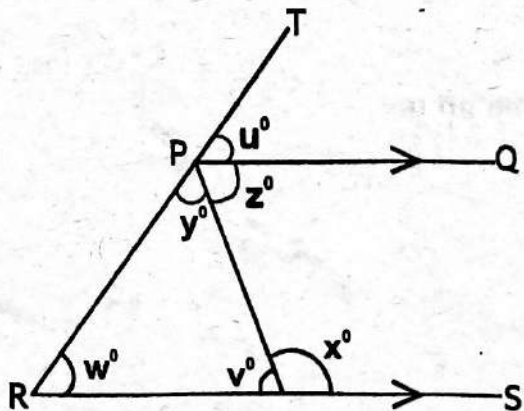
12. Kiprotich left for town Z at 10.45am. He arrived at 2.36pm. How long did his journey take?
 A. 8h 09min B. 4h 11min C. 8. 09 am D. 3h 51min
13. The pie chart below shows how Brian used his farm. If he used 14 more hectares to plant maize than for grazing, find the size of Brian's land.



- A. 40.32ha B. 144ha C. 120ha D. 96ha
14. What is 3.6^2 ?
 A. 0.6 B. 0.06 C. 12.96 D. 0.1296
15. What is the square root of $\sqrt{39\frac{1}{16}}$?
 A. $6\frac{1}{4}$ B. $3\frac{1}{8}$ C. $1\frac{1}{4}$ D. $2\frac{1}{2}$
16. A rectangular container is 3m long, 0.8m wide and 1.5m high. The container has juice to a height of 1m. How much more juice is needed to fill the container?
 A. 3600L B. 2400L C. 12000L D. 360L
17. Calculate the total surface area of the given figure below.



- A. 111cm^2 B. 192cm^2 C. 180cm^2 D. 186cm^2
18. Juma paid Sh.280 after getting a discount of Sh.40. What was the percentage discount?
 A. $12\frac{1}{2}\%$ B. 15% C. $14\frac{2}{7}\%$ D. 10%
19. An athlete covers a race of 200m in 20 seconds. What is his speed in metres per second?
 A. 20m/s B. 40000m/s C. 200m/s D. 10m/s
20. For the following figure line PQ is parallel to line RS and TPR is a straight line.



- Which one of the following statements is not true?
 A. $U^\circ + y^\circ + z^\circ = 180^\circ$
 B. $x^\circ = y^\circ + u^\circ$
 C. $U^\circ + y^\circ + v^\circ = 180^\circ$
 D. $Z^\circ = v^\circ + w^\circ$

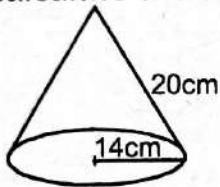
Section B: Answer all questions

21. A football team loses 10 points in the first half of the game and then gains 15 points in the second half. What is the team's final score? (2mks)

22. Work out the following $\frac{4(5-3)-9 \div -3 + 20}{63 \div 9 \times 4 - 8}$ (4mks)

23. A water dam is drawn using a scale of 1:2500. If the scale diagram is 10cm long and 8cm wide, find the total area in hectares that is required for the construction of the dam (4mks)

24. Calculate the surface area of a closed cone of radius 14cm and slant height 20cm.



25. Five numbers 2, 5, 6, 7 and 8 are combined to form a two-digit number. Write down all the possible outcomes of the combinations. (4mks)

26. Onyancha recorded the number of books he carried home from Monday to Friday; 3, 6, 2, 4, 5. Find the median for this data. (2mks)

27. During a prize giving day, the ratio of parents to learners was 4:5. If the school has 720 learners, find the number of parents who attended the prize giving day (2mks)

28. Simplify the following fraction. (2mks)

$$\frac{st - sr + mt - mr}{s + m}$$

9. (a). Solve the following simultaneous equation by substitution method (4mks)

$$\begin{aligned}x + y &= 12 \\2x + y &= 19\end{aligned}$$

- (b). The cost of three shirts and two pairs of trousers is Sh.3900. The cost two shirts and five pair of trousers is Sh.8100. Determine the price of a shirt and that of a pair of trouser using the elimination method.

30. A cubic water tank has sides of length 2.135m. Find the capacity of the tank in litres. (2mks)
31. Use the table of cubes to find the cubes of; 0.0345 (2mks)
32. Use the factor method to work out; (4mks)
- $$\sqrt[3]{1728}$$
33. Write 28561 in index form. State the base and index (4mks)
34. Simplify the following expression. Leave your answer in index form (2mks)
- (a). $3^{1.5} \times 3^{3.5} \times 3^2$
- (b). Solve for x in (2mks)
- $$3^{x+1} \times 3^{2x-3} = 81$$
35. Njeri collects 32 eggs daily from her farm. Find the total number of eggs collected in 8 days. Express your answer in index. (2mks)
36. Work out; (2mks)
- (a). 4^{-3}
- (b). $12^{-7} \div 12^{-9}$ (2mks)
37. Evaluate the following $625^{\frac{1}{4}}$ (2mks)
38. The ratio of boys to girl in Grade 9A is 2:3 and the ratio of boys to girls in Grade 9B is 3:4. Which class has a higher number of boys to girls? (2mks)

KENYA JUNIOR SCHOOL EDUCATION ASSESSMENT

GRADE 9 - YEAR 2025



002

ENGLISH PAPER 1

TIME: 1HR. 20MIN

Name _____ Assessment No. _____

School _____ Date. _____

Instructions: This paper consists of 50 multiple choice questions. Choose one correct option.

READING COMPREHENSION

Read the passage below and then answer the questions 1 to 6

Salt has an important role not only in our bodies but also in food preparation and preservation. Salt is a source of one of the most important minerals in our bodies. Our muscles can not contract without sodium. Sodium helps our muscles to contract and as a result sends nerve impulses throughout our bodies.

So why are we always told to consume less salt? Well, it turns out that our bodies only need a small amount of salt. Too much of it can elevate blood pressure. You don't have to add salt to your food to eat much of it. Most of the salt we eat is already in the everyday food such as bread, breakfast cereal and ready meals.

- From the first paragraph we learn that
 - salt is important in our bodies
 - salt is important in food preparation
 - salt is important in food preparation and preservation
 - salt is important in preservation, preparation and our bodies.
- Nerve impulses
 - are sent throughout our bodies by muscle contraction
 - are sent throughout our bodies by sodium
 - cause the muscle to contract
 - are caused by sodium
- Why should we take less salt?
 - Too much of it makes the food unconsumable
 - Too much of it can cause blood pressure
 - Our bodies need little amount of salt.
 - Our bodies only needs a small portion
- The word *elevate* as used in the passage means
 - increase
 - promote
 - raise
 - encourage.
- According to the passage, which mineral helps our muscles to contract?
 - Chloride
 - calcium
 - sodium
 - potassium
- According to the passage, it is true to say that
 - you have to add salt to your food to eat much of it
 - too much salt can elevate blood pressure
 - salt is not found in bread
 - we can consume more salt.

Read the passage below and then answer the questions 7 to 11.

Taking care of our environment is part of our responsibility as good citizens. We should all understand that by changing a few things around us, we can reduce environmental pollution greatly. You may surprise yourself when you realise how much waste you would reduce by simply using a shopping bag that can be reused.

Recycling, reducing waste and reusing materials are actions that we all could undertake. Furthermore, if we shall all plant two trees whenever we cut one, our surrounding will forever be green. This might reduce respiratory diseases since we shall all enjoy oxygen all year long.

In addition, everyone will need to support efforts made by the government to safeguard our environment. For instance, you may come across an individual disposing of garbage carelessly in town yet there are public dustbins to use. You should remind the person to use the nearest dustbin. If we want to protect our environment for future generations we should act now.

7. From the first sentence, we can conclude that
 - A. good citizens reduce pollution
 - B. good citizens obey the laws
 - C. good citizens take care of their environment
 - D. good citizens should use shopping bags
8. The following are actions that we should undertake to take care of our environment **except**
 - A. recycling
 - B. releasing
 - C. reducing
 - D. reusing.
9. For our environment to be forever green, we are advised to
 - A. recycle, reduce and reuse materials
 - B. cut down trees
 - C. make use of dustbins
 - D. plant two trees whenever we cut one.
10. One of the effort made by the government to safeguard our environment is
 - A. providing public dustbins in towns
 - B. issuing shopping bags to people
 - C. planting trees
 - D. reusing materials.
11. If we want to protect our environment for future generations, we
 - A. should involve the government
 - B. should act now
 - C. should be responsible
 - D. should reduce pollution

Read the passage below and then answer questions 12 to 16

The learners in Grade 9 at Hekima Junior School were excited about the upcoming interclass spelling competition. Their teachers of English, Mr. Hamisi, had made several reference materials available to help them get ready for the competition. The learners worked in groups and tried spellings and meanings of words, the learners also looked up the synonyms and antonyms of as many words as possible. Abdul, the class secretary, suggested that they needed to use most of the words in their daily communication. He said it would help the learners to remember the words and also make them better communicators.

The day of the competition finally arrived. The selected representatives of Grade 9 Blue took their positions. It was a tough and highly competitive activity since all the teams had prepared adequately. Some of the words they were asked to spell were accommodate, acquire, arguments and jewellery. They were also asked to give the synonyms and antonyms of the words intelligent, famous, wealthy, dangerous and careful. When the competition was over, the grade 9 Blue team emerged the winner.

12. Why were the Grade 9 learners at Hekima Junior School excited?
 - A. They were going for a trip
 - B. There was an upcoming interclass spelling competition
 - C. There was an upcoming football competition
 - D. They were participating in music festival
13. The following were done by the learners in readiness for the competition **except**
 - A. they looked up the antonyms
 - B. they tried spellings of words
 - C. they tried different homophones and homonyms
 - D. they looked up the synonyms
14. What did Abdul suggest to help the learners remember the words?
 - A. They should write the words down daily
 - B. They should use the words in their daily communication
 - C. They should study the words in pairs
 - D. They should draw pictures of the words.
15. What activity did the learners do in groups?
 - A. They discussed the meanings of the words
 - B. They wrote stories using the words
 - C. They tried spellings and meanings of words
 - D. They memorized the words without looking up the meanings.
16. What did the learners also look up apart from the spellings and meanings?
 - A. The history of the words
 - B. Synonyms and antonyms of the words
 - C. The pronunciation of the words
 - D. The origin of the words.

Read the passage below and then answer questions 17 to 20

Four pupils participate in a number of games. Makau plays tennis and volleyball while Kilonzo plays football and hockey. Wambua prefers hockey to all the other games. Ngwei plays tennis and football besides hockey and volleyball.

17. Who plays most games?
A. Wambua B. Ngwei C. Makau D. Kilonzo
18. Which is the most popular game?
A. Football B. Tennis C. Hockey D. Volleyball
19. Who plays only one game?
A. Wambua B. Makau C. Kilonzo D. Ngwei.
20. Which statement is true?
A. Makau plays three games
B. Hockey is not the most popular game
C. Wambua likes football more than hockey
D. Ngwei plays four games.

Read the following telephone conversation between Mark and Wanjau. It contains blank spaces numbered 21 to 23. For each blank space, select the best alternative from the choices given.

- Wanjau : Hello, this is Wanjau's shop _____ 21 _____
- Mark : Hi, this is Mark. I am calling about a product I bought from your store earlier today. I realised that it is expired. _____ 22 _____
- Wanjau : Oh no, _____ 23 _____. That should not have happened. We try to make sure that all our products are within their expiry dates. Can i have the receipt number?
- Mark : I've got the receipt number
- Wanjau : It's okay thank you. We shall refund your money. I sincerely apologize for that.
21. A. I am fine, thank you B. How may I help you C. I am sorry D. Good evening
22. A. I am really disappointed B. I am really happy
C. I am shocked D. I am grateful
23. A. I am happy to hear that B. I am pleased to hear that
C. I am excited to hear that D. I am sorry to hear that.

Read the passage below and then answer the questions 24 to 34. For each blank, choose the best alternative from the choices given.

There were heavy clouds in the sky when the bell _____ 24 _____ for the afternoon classes. _____ 25 _____ strong wind also _____ 26 _____ to blow. Miriam was glad _____ 27 _____ inside the classroom, where it was still quite warm. She saw Asha and Kemunto _____ 28 _____ the windows.

Five minutes later the teacher _____ 29 _____ to stop talking about soil erosion. The rain was beating _____ 30 _____ loudly on the corrugated iron roof _____ 31 _____ Miriam could not even hear what Kemunto _____ 32 _____ to tell her. The thunder was _____ 33 _____ all the time, and often _____ 34 _____ in roars and crashes.

24. A. rang B. rung C. had rang D. was rung
25. A. The B. So C. A D. An
26. A. began B. begin C. beginning D. began
27. A. getting B. to get C. got D. to getting.
28. A. closed B. were shutting C. shutting D. had shut
29. A. had B. were C. was D. wanted.
30. A. very B. too C. really D. so
31. A. because B. that C. so D. and
32. A. was trying B. had tried C. tried D. were trying
33. A. howling B. exploding C. roaring D. rumbling
34. A. broke up B. broke out C. broke off D. broke down.

For questions 35 and 36, select the alternative that best complete the sentences.

35. _____ we burn the litter now or shall we do it later.
A. Shall B. Could C. Can D. Might.
36. If we do not reduce deforestation, we _____ have no planet to call home.
A. would B. can C. will D. may.

For questions 37 to 39, choose the correct order of adjectives.

37. Two _____ tents were donated by the area chief.
A. white, tiny, rectangle
B. rectangle, tiny, white
C. tiny, white, rectangle
D. tiny, rectangle, tiny
38. The school is built on a _____ lot of land.
A. rectangular, vast stony
B. stony, vast, rectangular
C. vast, rectangular, stony
D. vast, stony, rectangular.
39. The minutes of the meeting were filled in a _____ file.
A. square, leather-covered, old
B. leather-covered, old, square
C. old, leather-covered, square
D. square, old, leather-covered.

Which one of the following alternatives means the same as the underlined sentences.

40. Malena kicked the ball
A. Malena was kicked by the ball
B. The ball kicked Malena
C. The ball was kicked by Malena
D. Malena kicked the ball
41. The girls swept the compound
A. The compound was swept by the girls
B. The compound was being swept by the girls
C. The girls sweep the compound
D. The girls are sweeping the compound.

For questions 42 - 44, choose the correct preposition.

42. John sat _____ his teacher.
A. in front B. besides C. beside D. next.
43. The learner rested _____ the shade.
A. on B. in C. under D. next.
44. Peter was accused _____ theft.
A. of B. by C. with D. on.

For questions 45 - 47, choose the correct question tag.

45. I am a busy person, _____?
A. am I B. amn't I C. aren't I D. isn't it
46. Let us rejoice, _____?
A. will you B. shan't we C. don't we D. shall we.
47. Please come with us, _____?
A. will you B. will they C. won't you D. aren't you

For questions 48 - 50, choose the synonyms of the underlined words.

48. He bought a vast piece of land.
A. small B. large C. wide D. expensive
49. The room provides adequate space for the meeting.
A. enough B. insufficient C. inadequate D. large.
50. The company holds a conference annually.
A. monthly B. fortnight C. weekly D. yearly

1. Identify the opening formula in this narrative (2mks)
-
2. To this hare innocently replied, why does the narrator use the word innocently here. (2mks)
-
3. Give three character traits of the hare. (3mks)
- (i). _____
- (ii). _____
- (iii). _____
4. What type of narrative is this? (1mk)
-
5. Which feature of style has been used in this narrative? (2mks)
-

Task 3: POETRY

Read the poem below and answer the questions that follow

A FRIEND IN NEED.

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

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 indeed.

A friend appreciates your moment 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 indeed.

1. How many stanzas does the poem have? (1mk)

2. Identify two pairs of rhyming words (2mks)
(i). _____
(ii). _____
3. What is the title of the poem? (1mk)

4. How many lines are in each stanza? (1mk)

TASK 4 : PLAY (10mks)

Below is a section of a play. Read and then answer the questions that follow.

ACT ONE

SCENE ONE

(It is early in the morning. The office of the county Governor is simple but neat. The sun is shining through the window casting a warm light on the room. Madam Mueni the secretary is seated at her desk, typing something on her computer. The door opens and Stela, a bright and eager young girl, walks in with her mother.)

- Stella** : (Nervously) Mother, do you think they will notice me? It's my first time here.....
- Mother** : (Smiling reassuringly) Of course, my dear. You have worked so hard, you deserve this. (They walk slowly towards Madam Mueni's desk. Madam Mueni looks up from her computer.)
- Madam Mueni:** Good morning. How can I assist you today?
- Mother** : (Respectfully) Good morning. We are here to see the County Governor. My daughter, Stella was informed she would be receiving an award for her outstanding performance in school.
- Madam Mueni:** Ah, yes. I remember please have a seat. The Governor will be with you shortly. (A few moments later, the door opens, and the county Governor enters. The Governor is dressed professionally and exudes a calm but authoritative presence.)
- County Governor:** Ah, welcome Stella. This must be your mother.
- Stella:** (standing up quickly, her voice shaking)

1. Where do events of the scene of the play take place? (2mks)

2. Identify two character traits of Stella (2mks)
(i). _____
(ii). _____
3. What shows that the society in this scene values education? (2mks)
(i). _____
(ii). _____
4. Which proverb can be used to summarise the play? (2mks)

5. Apart from Stela and her mother, write down two other characters in the play. (2mks)
(i). _____
(ii). _____

TASK 5: NOVELLA (10 mks)

Below is a section of a novella. Read it and then answer the questions that follow.

It did not take long before Kororia ran towards the gate. He opened it. The sight of Wanjala holding a huge branch made his heart skip a beat. Wanjala lifted the branch high swung his hands and with all his energy aimed the branch at Kororia. Kororia dodged and started running. Wanjala tripped on a bottle and fell.

Kororia stopped running, fell to his knees and raised his hands in the air "Wanjala, my friend I am sorry. I accidentally hit you when we were playing football. Wanjala who was still on the ground was moved by Kororia's apology. Wanjala forgave him and they both shook hands.

1. Describe the character traits of Kororia (2mks)

2. What is the setting of the story? (2mks)

3. What is the relationship between Wanjala and Kororia? (2mks)

4. State two character traits of Wanjala. (2mks)
(i). _____
(ii). _____
5. Which moral lesson do we learn from the above except? (2mks)

KENYA JUNIOR SCHOOL EDUCATION ASSESSMENT

GREDI YA TISA - MWAKA 2025



002

KISWAHILI LUGHA: KARATASI YA 1

Jina _____ Nambari ya usajili _____

Shule _____ Tarehe _____

Maagizo: Jibu maswali yote kwenye karatasi ya majibu uliyopewa MUDA: SAA 1 DAK 40

Soma kifungu kifuatacho kisha ujibu swali la 1 hadi 6.

Furaha siku zote hupatikana kwa mtu anayeitafuta, jambo lililo kinyume chake huzuni. Huzuni humpata mtu ambaye ameamua kuhuzunika. Mhalani, ukiwa hutaki kukasirika ama kuhuzunika, unaweza kuamua kumpuuza mtu ambaye amedhamiria kukuudhi. Na endapo umeamua kughadhabika na kuhuzunika na tabia dogo latosha kuchemsha nyongo. Kufurahi au kuhuzunika ni tabia za mtu binafsi. Aidha ni chaguo la mtu mwenyewe. Hiyo ndiyo sababu niliwafunza wanafunzi wangu wakati mmoja kuwa, mtu akikuuliza, "mbona una furaha leo?" Mpe jibu kwamba, "Nina furaha kwa sababu sina huzuni!"

1. Taarifa inatwambia kwamba ukiitafuta furaha
A. huwezi kuipata B. hupata C. utaipata D. ni kazi bure.
2. Kinyume cha "kufurahisha" ni
A. kuhuzunisha B. kuhuzuniza C. kuhuzunisha D. kuhuzunika.
3. "Kuchemka nyongo" ni
A. kukasirika B. kugua nyongo C. kuchemka D. chakula kuungua.
4. Ikiwa hutaki kukasirika unaweza kuamua
A. kumwudhi mtu B. kughadhabika C. kuhuzunika D. kufurahi.
5. Anayekuudhi unaweza pia
A. kumwudhi B. kumpuuza C. kumpiga D. kumghadhabikia.
6. Taarifa hii inatushauri nini?
A. Tuchemke nyongo
B. Tuhuzunike daima
C. Tuchague hali iliyo na manufaa
D. Tufurahi na kukasirika.

Soma kifungu kifuatacho kisha ujibu swali la 7 hadi 12.

Nchi yetu ya Kenya ina kaunti arobaini na saba. Kaunti hizi ni kama vile Nyandarua, Kisumu, Taita Taveta na Garissa. Kila kaunti huongozwa na Gavana pamoja na Naibu wake. Kila kaunti huwa na bendera tofauti na nyingine lakini bendera ya kitaifa hupeperushwa kwenye kaunti zote. Bendera ya taifa letu ina rangi nne. Rangi inayopatikana juu kwenye bendera ni nyeusi ambayo ni ya ngozi yetu. Rangi nyeupe hutenganisha rangi nyeusi, nyekundu na kijani. Nyekundu hutukumbusha damu iliyomwagika na wapigania uhuru, nayo kijani ni ya ardhi yenye mimea. Rangi nyeupe ni ya amani. Tulipopata uhuru, mkenya mmoja kutoka kaunti ya Makueni alipandisha bendera kwenye mlima Kenya kama njia mojawapo ya kusherehekea uhuru. Alitunzwa na serikali kwa ushujaa na uzalendo wake kwani haikuwa rahisi kuipandisha bendera. Mkenya huyo alikuwa anaitwa Kisoi Munyao.

7. Mkenya aliyepandisha bendera kileleni mwa mlima Kenya alikuwa mzaliwa wa kaunti gani?
A. Garissa B. Nairobi C. Makueni D. Nyandarua

8. Kwa nini Kisoi Munyao aliipandisha bendera kwenye mlima Kenya kileleni?
 A. Ili awe shujaa
 B. Ili atuzwe na serikali
 C. Ilikuwa njia ya kusherehekea uhuru
 D. Alikuwa mzalendo.
9. Nchi ya Kenya ina kaunti ngapi kulingana na taarifa uliyoisoma?
 A. Sabini na saba
 B. Thelathini na nne
 C. Arubaini na saba
 D. Hamsini na nne
10. Ni kweli kusema
 A. Kisoi Munyao alikuwa mpigania uhuru
 B. Bendera ya Kenya hutukumbusha kuhusu mlima Kenya
 C. Serikali ya Kenya haikumtuza Mkenya aliyepandisha bendera mlimani
 D. Kila kaunti nchini Kenya ina bendera yake.
11. Bendera ya kenya ina rangi ngapi?
 A. Nane
 B. Nne
 C. Tano
 D. Tisa.
12. Rangi inayopatikana chini kwenye bendera ni
 A. kijani kibichi
 B. nyekundu
 C. nyeusi
 D. nyeupe.

Soma kifungu kifuatacho kisha ujibu swali la 13 hadi la 17.

Jikoni pia huitwa mekoni. Ni pahali ambapo shughuli za upishi hufanyika. Watu wengi hupenda jikoni kwa sababu bila chumba hiki, hatuwezi kupata mlo na kuwa na afya nzuri. Jikoni kuna vitu vingi sana kuna jiko, kuna aina nyingi za majiko, kuna stovu ya mvuke, stovu ya mafuta taa, jiko la makaa na pia jiko la kuni. Jiko hutusaidia kupika chakula. Moto hukokwa jikoni ili mweze kupika. Jiko la kuni huwa na moshi mwingi sana; Hii ndiyo sababu mekoni huwa kweusi tititi. Kuna vyombo pia kama sufuria hivi huwa muhimu sana katika mapishi. Hutumiwa kupikia aina mbali mbali ya vyakula. Kuna bilauri ambayo hunywewa maji na vikombe ambavyo hunywewa uji, chai na hata vinywanji vingine.

Bakuli hutumiwa kuwekea mchuzi. Mchuzi huwa kitoweo cha kulia ugali, chapati au wali. Mchuzi huugwa kwa viungo vya mapishi kama dania, kutunguu, nyanya na bizari. Sahani hufanana na bakuli. Sahani huwekwa vyakula mbalimbali.

Kuna sinia ambayo huwekelewa sahani tunapoandaa meza. Kuna sinia ndogo na kubwa. Sinia hufanana sana na sahani.

Baada ya kupika jiko la makaa hubaki na majivu. Majivu hutumiwa kuwaua wadudu au kufagia vyoo ambavyo vina vumbi. Jivu pia hutumiwa shambani likichanganywa na mbolea.

13. Watu wengi hupenda jiko sababu
 A. ni chumba muhimu sana
 B. huwa na chakula
 C. hutayarisha mlo mtamu
 D. hushiba wafikapo jikoni.
14. Lipi si aina ya jiko?
 A. Stovu
 B. Seredani
 C. Jiko la mvuke
 D. Chano
15. Ukitaka kunywa sharibati au juisi utatumia
 A. Sahani
 B. Bilauri
 C. Kikaango
 D. Bakuli.
16. Ukitaka kutokosa pure, utatumia chombo kipi?
 A. Chungu
 B. Kikaango
 C. Sahani
 D. Chuma
17. Jivu halitumiki
 A. kusafisha vyombo
 B. kuwekwa msalani
 C. kupikia jikoni
 D. kuwekwa shambani

Soma kifungu kifuatacho kisha ujibu swali la 18 hadi 20.

Amoni, Etyang, Neema na Matuu ni wanafunzi katika shule ya Busara. Wote wanapenda michezo. Mwalimu wao huwahimiza kushiriki katika michezo mbalimbali.

Vilevile, wao husoma mtandanoni kwamba michezo hujenga misuli na kuboresha afya. Siku moja, waliamua kujadili kuhusu michezo waipendayo. Kila mmoja wao alitaja michezo inayomfurahisha. ifuatalo ni jedwali la michezo waliyotaja.

Amoni	-	Kwata	hoki	chesi	kandanda
Etyang	-	Voliboli	kwata	kandanda	kibe
Neema	-	Chesi	voliboli	hoki	kwata
Matuu	-	kandanda	chesi	kwata	hoki

18. Kulingana na kifungu hiki, wanafunzi wa shule ya Busara wanafurahia sana mchezo gani?
 A. Chesha B. Hoki C. Kandanda D. Kwata.
19. Kifungu hiki kinayonyesha kuwa
 A. afya ya wanafunzi huimarika wakiwa shuleni
 B. vifaa vya kidijitali huwaelimisha wanafunzi kuhusu michezo
 C. wanafunzi hupenda kuzungumza kuhusu michezo
 D. mwalimu huandaa mijadala kuhusu michezo shuleni.
20. Chagua jibu lenye maana ya neno "huwahimiza" kama ilivyotumiwa katika kifungu
 A. huwaashiria B. huwaagiza C. huwashauri D. huwaongoza.

Soma kifungu kifuatacho kisha ujibu swali la 21 hadi 25.

(Mshindi na Elia wameketi chini ya mti wakipiga soga)

- Mshindi : Elia rafiki yangu, ungependa kufanya kazi gani baada ya masomo.
 Elia : Uashi! (Akishangaa) Hiyo ni kazi ya watu wasiosoma. Watu wenye elimu wanahitaji kusaka amali za kifahari zitakazowaletea kibindo kizito.
- Mshindi : Kazi za kifahari kama gani?
 Elia : Zipo kazi zinazomjenga mtu jina na kumwimarisha kiuchumi kama vile utabibu, urubani, uhazigi na uhadhiri, wanaofanya kazi nyingi huonekana kama matambara mabovu kwani hawana sauti katika jamii. Kazi kama vile uashi, useremala na uhunzi ni za watu wasio na kisomo.
- Mshindi : Hata! Hapo sitakuunga mkono ndugu yangu. Dhana potovu kama hizo ndizo zinazochangia ufundi wa hali ya chini. Unaona majengo yanavyozidi kuporomoka na kuwasafirisha adinasi jongomeo?
 Elia : Naam! Dada wa mama aliangamia katika ajali ya aina hiyo mjini. Sote tulijawa na simanzi tele. Ilisemekana kuwa jengo lililoporomoka na kuwafunika kwa vifusi lilikuwa limejengwa kiholela.
- Mshindi : Poleni sana kwa msiba huo. Maafa ya aina hiyo yanaweza kuepukika iwapo mafundi watazingatia elimu, wapate maarifa na kuyatumia ipasavyo katika kazi zao. Isitoshe wapo mafundui wanaopata pesa nyingi hata kuliko watu wanafanya kazi zinazochukuliwa kama za kifahari.
- Elia : (Akitikisa kichwa kukubaliana na rafikiye) Hapo umegonga ndipo. Elimu ni taa gizani huzagaa. Nitakiendeleza kipawa changu cha uchoraji ili niweze kukuchorea majengo utakayoyasanii, yaani niwe msanifu ujenzi.

21. Kwa nini Mshindi alipinga wazo la Elia kuwa mwashi?
 A. Elia alikuwa amesoma sana
 B. Aliona kazi hiyo kuwa duni
 C. Mjomba wa Elia hakufanikiwa kwa uashi
 D. Kazi hiyo haikuwa na mapato mazuri.
22. Elimu ni muhimu kwani
 A. hufanikisha shughuli na kuepuka maafa
 B. watu waliosoma hupata kazi za kifahari
 C. mtu asiposoma hatajua kipawa chake
 D. watoto wote lazima wapelekwe shule.
23. Matambara mabovu kulingana na mazungumzo ni
 A. watu wasio na kazi B. wanaofanya kazi za ufundi
 C. watu wasiosoma D. watu wasiodhaminiwa na jamii.
24. Aliyeangamia katika mkasa wa kuporomoka kwa jengo ni
 A. mjomba wa Elia B. ami wa Mshindi
 C. halati wa Mshindi D. shangazi wa Mshindi.
25. Neno lipi halina maana sawa na adinasi?
 A. Mahuluki B. Masahibu C. Watu D. Waja.

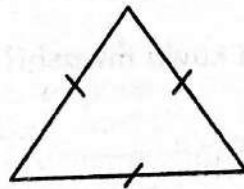
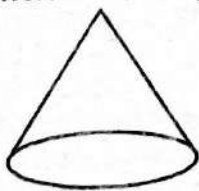
Kifungu kifuatacho kina nafasi 26 hadi 35. Umepewa majibu manne hapo. Chagua jibu lifaalo zaidi kujaza nafasi.

Vijana _____ 26 _____ siku hizi wamekuwa _____ 27 _____ zinazofuata _____ 28 _____ tu. Wameyavua _____ 29 _____ na kuyatupa nje ya dirisha kabisa. Hata _____ 30 _____ za wakubwa wao _____ 31 _____ mbali na hata kuzitemea _____ 32 _____ kwa sababu ya kujionea eti _____ 33 _____ na kufukia _____ 34 _____ kujiamulia mambo yao _____ 35 _____.

- | | | | |
|----------------------|------------------|----------------|----------------|
| 26. A. nyingi | B. vingi | C. wengi | D. wingi. |
| 27. A. bendera | B. upepo | C. maji | D. na shinda. |
| 28. A. mtaro | B. vijana | C. upepo | D. mkondo |
| 29. A. mambo | B. tabia | C. madili | D. maadili |
| 30. A. mashauri | B. maelezo | C. mawaidha | D. nasaha. |
| 31. A. wamezitupilia | B. wameyatupilia | C. wametupilia | D. wameziacha. |
| 32. A. ute | B. mate | C. kikohozi | D. maji |
| 33. A. wamekuwa | B. wamefika | C. wamebaleghe | D. wameiva. |
| 34. A. muda wa | B. miaka za | C. umri ya | D. umri wa |
| 35. A. wenyewe | B. yenyewe | C. enyewe | D. mwenyewe. |

Kutoka swali la 36 hadi la 50, chagua jibu sahihi

36. Mtoto amelala "usingizi wa pono" maneno yaliyopigwa mstari yana maana gani?
A. usingizi mwepesi
B. usingizi mzito
C. usingizi wa mang'amumang'amu
D. kufariki dunia
37. Tegua kitendawili: Nyama nje ngozi ndani
A. samaki
B. ndizi
C. embe
D. firigisi.
38. Ni methali gani isiyohimiza ushirikiano?
A. Mkono mmoja haulei mwana
B. Upweke ni uvundo
C. Damu ni nzito kuliko maji
D. Jina jema hung'aa gizani.
39. Chagua salamu zilizolinganishwa sawasawa na jibu lake
A. Usiku mwaka - jalaa
B. Ugua pole - polepole
C. Buriani - buriani dawa
D. Tuonane - majaliwa.
40. Jaza pengo kwa istiaru inayofaa:
Tobias ni _____, anapenda kutegemea jasho la wengine.
A. kupe
B. ndama
C. funza
D. kiroboto.
41. Baada ya kilalio kaka alimuaga mamaye
A. makiwa
B. kwaheri
C. sabalkheri
D. binuru.
42. Andika wingi: Mwiko ulivunjika chunguni
A. Miko ilivunjika chunguni
B. Miko ilivunjika chunguni
C. Miko ilivunjika vyunguni
D. Miko zilivunjika jinguni.
43. Upi ni ukubwa wa sentensi hii: Mguu wa mtoto mchanga ni mdogo sana
A. Kiguu cha kitoto kichanga ni kidogo sana
B. Jiguu la jitoto changa ni ndogo sana
C. Jiguu la jitoto jichanga ni kidogo sana
D. Guu la toto changa ni dogo sana.
44. Maumbo haya ni



45. Kitanda cha kuwabebea au kuwachukulia wagonjwa huitwa
A. machela
B. rukwama
C. jeneza
D. kipenyo, tiara.
46. Kikembe cha nguruwe hutwa
A. kisuse
B. kimatu
C. kivinimbi
D. jana.
47. Kanusha sentensi ifuatayo: Alikula akashiba
A. Alikula lakini hakushiba
B. Hakula na kushiba
C. Hakula na hakushimba
D. Hakula wala kushiba
48. Mchezo ulimalizika saa 3:45. Wakati huu ni;
A. saa tatu kasorobo
B. saa kumi kasorobo
C. saa nne kasorobo
D. saa tisa kasorobo
49. Kamilisha methali hii: mtaka yote
A. hukosa yote
B. hupata yote
C. hupenda yote
D. hupata tele.
50. Shairi lenye mishororo mitatu katika kila ubeti huitwa
A. tasdisa
B. tarbia
C. tahtlitha
D. takhmisa.

KENYA JUNIOR SCHOOL EDUCATION ASSESSMENT

GREDI YA TISA - MWAKA 2025

KISWAHILI KARATASI YA 2



002

Jina _____ Nambari ya usajili _____

Shule _____ Tarehe _____

Maagizo: INSHA NA UTANGULIZI WA FASIHI MUDA: SAA 1 DAK 45

ZOEZI 1 : INSHA (Alama 15) (tumia karatasi tofauti)

Endeleza insha ifuatayo

Siku hiyo kila mmoja alikuwa amejiandaa vilivyo. Ziara hiyo tulikuwa tumesubiri kwa hamu na ghamu.....

SEHEMU YA B:

ZOEZI 11:FASIHI SIMULIZI.(alama 10)

1. **Soma taarifa ifuatayo kisha ujibu maswali.**

Bwana, Mbweha na Bwana Jogoo waliishi katika kijiji kimoja. Walikuwa marafiki wa kufa kuzikana. Walienda shambani kufanya kazi pamoja na hata kula pamoja. Walikuwa chanda na pete.

Wakati fulani, Bwana Jogoo alitambua kuwa kila walipokuwa pamoja Bwana Mbweha alipenda kukaa mbali kidogo. Kwa Bwana Mbweha, Bwana Jogoo alikuwa moto wa kuotea mbali. Tabia hii ya Bwana Mbweha ilimshangaza Bwana Jogoo.

Siku moja walipokuwa wakielekea sokoni, Bwana Jogoo alimuuliza Bwana Mbweha kilichomfanya adumishe umbali fulani baina yao. Bwana Mbweha alijibu, "Ndugu yangu ikiwa tabia yangu inakuudhi ninaomba msamaha. Si nia yangu kamwe kukukera. Lakini ninachelea kuchomwa na moto uliopo kichwani mwako."

"Ni hilo tu ndugu yangu?" akauliza Bwana Jogoo. "Ungeniuliza mapema, ningekueleza. Unachokiona kichwani kwangu kama moto si moto kamwe. Hii ni sehemu ya ngozi yangu tu. Unaweza hata kugusa na kuhisi ilivyo."

"Ikiwa usemavyo ni sawa, nitakuamini," alisema bwana Mbweha. Baada ya muda akaongeza, "Ikiwa nitaugusa moto huo na unichome basi urafiki wetu utayeyuka."

"Sawa," akaitikia Bwana Jogoo Bwana Mbweha alisogea taratibu na kuigusa sehemu hiyo. Ilikuwa laini. Akaamua kuinyofoa. Aliitia kinyani na kuitafuna. Ilikuwa tamu kupindukia Bwana Mbweha akawaza, "Lazima hata jogoo mwenyewe atakuwa mtamu ajabu." Bwana Jogoo hakuwa yule rafiki yake wa zamani. Alikuwa chakula sasa. Bwana Mbweha alijaribu kumkamata Bwana jogoo ili amle lakini Bwana Jogoo alikuwa swara; alikimbia na kutokomea. Tangu siku hiyo urafiki wao ulikatika. Hawakuonana tena ana kwa ana.

- (a) Eleza sifa mbili za Mbweha (a2)
(i). _____
(ii). _____
- (b) Bwana Mbweha na Bwana Jogoo walikuwa wakifanya kazi gani? (a1)

- (c) Taja sitiari mbili zilizotumiwa katika taarifa hii (a2)
(i). _____
(ii). _____
- d) Eleza matumizi ya sitiari katika taarifa hii (a2)
(i). _____
(ii). _____
- (e) Andika sitiari mbili unazozijua (a2)
(i). _____
(ii). _____
- (f) Eleza funzo unalopata kutoka kwa Mbweha (a1)

SEHEMU II: NOVELA (a1 10)

2. Soma sehemu ifuatayo ya novela kisha ujibu maswali yafuatayo.

Mnong'ono wa kwanza ulikuwa umechipuka kama miaka mitano nyuma. Watu wengi hawakuwa na wasiwasi wala kuchukua tahadhari yoyote. Hakuna mtu hata mmoja aliyetulia na kuuwazia kwa taamuli. Walibaki kuचेकेlea bila kuchukua tahadhari yoyote au kuonyana dhidi ya athari zake. Watu wengi walidhani ilikuwa ni shughuli ya malofa na makundi ya watu waliokosa kazi za kufanya, watu walio kuwa wakipoteza muda barabarani. Watu walipiga soga na kueneza uvumi na habari za uongo katika vituo vya magari. Hata mama yangu alipousikia mnong'ono huo, hakuutilia maanani hata kidogo. Aliupuuza kama watu wengine mtaani kwetu.

Mnong'ono ulizidi kuvuma lakini watu bado hawakuuchukulia kwa makini. Ungewasikia wakiambiana, "Aaah! Acha huo uzushi bwana. Tunajua ni uongo mtupu. Hayo ni mambo yaliyopitwa na wakati. Mtu yeyote atakayeleta fujo hapa tutamripoti kwa polisi. Polisi watamkamata na kumfungulia mashtaka. Tutahakikisha amepewa kifungo kirefu gerezani."

- (a) Taja mbinu mbili za lugha zilizotumiwa katika sehemu hii ya novela (a12)
- (i). _____
- (ii). _____
- (b) Eleza aina mbili za mandhari zinazojitokeza katika sehemu hii ya novela. (a1 2)
- (i). _____
- (ii). _____
- (c) Eleza dhamira ya sehemu hii ya novela. (a1 2)
- (i). _____
- (ii). _____
- (d) Tunga sentensi ukitumia maneno haya (a1 1)
- (i) Fujo _____
- (ii) Mashtaka _____
- (e) Andika masuala mawili ambayo mwandishi wa dondoo hii ameangazia. (a1 2)
- (i). _____
- (ii). _____

ZOEZI LA IV: TAMTHILIA (a1 10)

3. Soma sehemu ifuatayo ya tamthilia kisha ujibu maswali.

(Mabula na Temba wameketi mkahawani. Wanakunywa chai huku wakizungumza)

- Mabula : Maisha yamekuwa magumu bila kazi. Hii miaka miwili imekuwa dhiki kwangu.
- Temba : Ninajua Mabula. Hasa kama mtu ameachishwa kazi bila taarifa. Ninajua kazi yako ilikatika kama maji katika mfereji.
- Mabula : Afadhali maji katika mfereji. Kuachishwa kwangu kazi kulikuwa mfano wa umeme unaokatika na ghafla bin vuu unajikuta gizani.
- Temba : Aisee! Watu hawana utu. (kimya) Halafu jambo lenyewe lilikuwa kwa masilahi ya taifa.
- Mabula: (akionyesha mavazi yake yaliyokunjana) Ona walivyo nifanya. Siwezi tena kupeleka nguo zangu kwa dobi. Hata huo umeme wa kunyooshea nguo siwezi kuumudu Temba. (kwa hasira) Temba hebu niambie kosa langu lilikuwa nini? Kusema kwamba pesa za umma zinakwenda mifukoni mwa watu binafsi ni makosa? Ni makosa kuwapigania watu wetu? Temba!
- Temba : Si makosa. Ulifanya vizuri. Tatizo ni kwamba waloshika madaraka hawataki kuanikiwa hadharani. Wanaogopa kumwaga unga wao.
- Mabula : Temba, afadhali hata nisingesema. Wakubwa hawakusema kitu nilipofurushwa kazini. Hadi leo nimebaki kuhangaika badala ya kutuzwa. Waporaji wanasherehekea masaibu yangu.

- (a) Eleza sifa mbili za tamthilia ambazo zinajitokeza katika sehemu hii ya tamthilia. (a12)
- (i). _____
- (ii). _____

(b) Fafanua masuala mawili ambayo yameshughulikiwa katika sehemu hii ya tamthilia (al.4)

(i). _____

(ii). _____

(iii). _____

(iv). _____

(c) Tambua mandhari ya mazungumzo haya. (al1)

d) Eleza sifa mbili za Mabula kulingana na dondoo hii (al 2)

(i). _____

(ii). _____

e) Eleza mbinu moja ya lugha iliyotumika katika sehemu hii ya tamthilia (al 1)

ZOEZI V : USHAIRI.(al 5)

4. Soma shairi lifuatalo kisha ujibu maswali.

Mola kaumba Adamu, wakaishi na viumbe
Kuwaongoza kwa hamu, wao pia ni viumbe
Kumtuma binadamu, kuwa kama ni mjumbe
Tunamuasi Rabana, tunapoua wanyama.

Wanyama wetu tupende, na tuwalinde daima
Kutunza wao tushinde, wasiwe kama yatima
Kwa upendo tuwalinde, kwa Mungu sije zahama
Tunamuasi Rabana, tunapoua wanyama

Utambuzi tuufanye, tuwajue wawindaji
Tabia zao tufinye, wayakome mauaji
Jitihada tuifanye, tukomeshe uwindaji,
Tunamuasi Rabana, tunapoua wanyama.

(a) Ni wahusika gani wanashauriwa katika shairi hili? (al 1)

(b) Fafanua ujumbe unajitokeza katika shairi hili (al 2)

(c) Shairi hili ni la aina gani? (al 1)

d) Shairi hili lina mishororo mingapi katika kila ubeti? (al 1)

KENYA JUNIOR SCHOOL EDUCATION ASSESSMENT



002

GRADE 9 - YEAR 2025 INTEGRATED SCIENCE

Name _____ Assessment No. _____

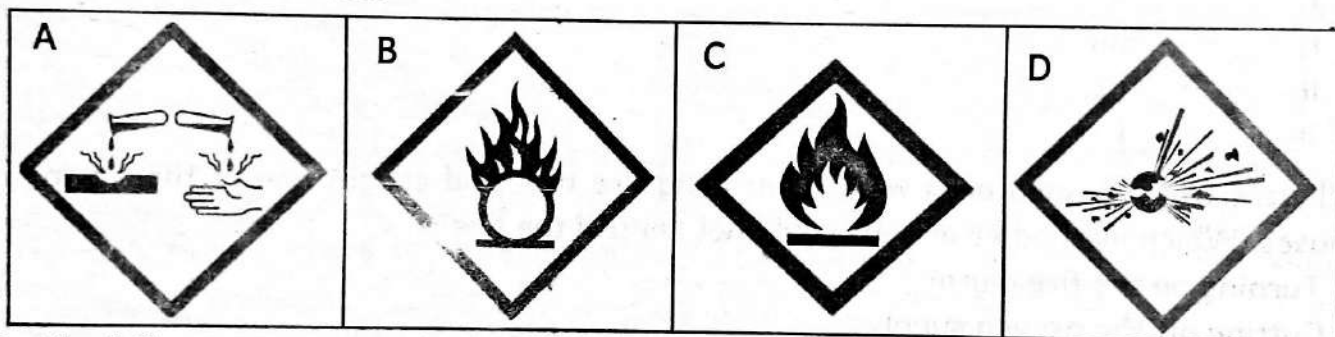
School _____ Date. _____

Instructions: This paper consist of Section A and B

TIME: 1HR. 40MIN

Section A : Answer all questions

- Which one of the following is not the benefit of studying Integrated Science in the junior school?
 - It helps us to understand nature
 - it enables one to solve daily problems
 - It is a career subject
 - It strengthens ones faith.
- In their digital lesson, Grade 9 learners were shown different symbols representing hazards on the screen. Which one of the following symbols observed represents corrosive substances.



- The following are example of elements
(i) Silver (ii) Nitrogen (iii) Aluminum (iv) Oxygen.
Which is the correct chemical symbols of each element above?

	Silver	Nitrogen	Aluminium	Oxygen
A.	Si	N	al	O
B.	si	Na	AL	O ₃
C.	Ag	N ₂	Al	O ₂
D.	Ag	N	Al	O

- Which of the following consists of only pairs of substances that consists only of compounds?
 - Copper and iron
 - Iron and water
 - Copper and carbon dioxide
 - Water and carbon dioxide.
- Grade 9 learners were given the following mixtures:
(i) Sugar and sand (ii) Salt and water (iii) Cooking oil and water (iv).Milk and water.
Which two of the mixtures above are homogeneous?
 - i and ii
 - ii and iv
 - i and iii
 - iii and iv.

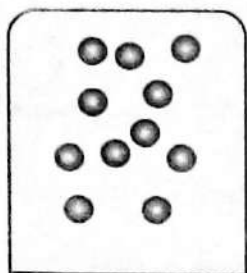
6. The following are examples of elements:

(i) Copper (ii) Sulphur (iii) Gold (iv) Silicon

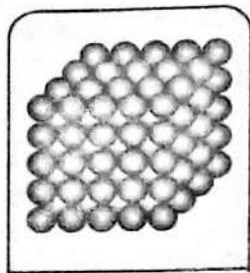
Which one of the following pairs of elements consists only of metals?

A. i and iii B. i and iv C. iii and iv D. ii and iv

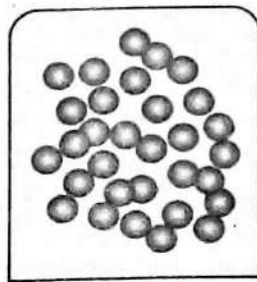
7. The diagrams below represent the arrangement of particles in three substances on states of matter.



(i)



(ii)



(iii)

Identify two of the above diagrams that represent oxygen and water.

Oxygen	Water
--------	-------

- | | |
|--------|------|
| A. i | ii |
| B. i | iiii |
| C. ii | iii |
| D. iii | i |

8. Villagers from Masaba area were controlling fire that had caught one of their own houses. Which method or actions could not control the fire?

- A. Turning on the fire alarm
- B. Cutting off the oxygen supply
- C. Cutting off the source of heat
- D. Moving fuels away from the fire.

9. The male reproductive organ has different parts. Which one of the following is not a male part?

- A. Testes B. Urethra C. Scrotum D. Vulva

10. The following are applications of acids and bases manufacture of

(i) Car batteries (ii) tooth paste (iii) Baking powder (iv) Soft drinks

Which pairs above are for bases only?

- A. ii and iii B. iv and iii C. iii and i D. i and iv.

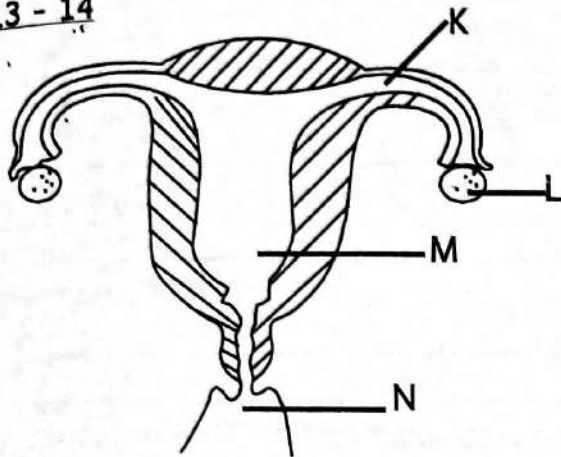
11. Which one of the following involves a chemical change?

- A. Melting of ice B. Boiling of water C. Dissolving sugar D. Burning of wood.

12. Teachers observed that the water they were using was not lathering easily. They identified the following methods as a way of making it to lather easily. Which method was not ideal?

- A. Boiling the water
- B. Adding washing soda
- C. Filtering the water
- D. Use of commercial softeners.

The diagram below represents the female reproductive organ. Use it to answer 13 - 14



13. The part labelled N represents
 A. Vagina B. Uterus
 C. Cervix D. Oviduct
14. Fertilization takes place at the part labelled
 A. L
 B. K
 C. M
 D. N

15. Which of the following atoms is not well represented by its correct mass number?
 A. Carbon - 12 B. Nitrogen - 14 C. Sodium - 23 D. Hydrogen - 2
16. Human beings have different types of teeth. Each type has a unique structure and function. The tooth that has sharp edges and is chisel shaped is designed for
 A. cutting B. crushing C. chewing D. tearing.
17. In which one of the following digestive system does absorption of water and mineral salts take place?
 A. Stomach B. Tooth C. Small intestine D. Colon.
18. Learners discussed and listed the following as applications of curved mirrors as below:
 (i) Security mirrors in supermakets (ii) Motor vehicle side mirrors
 (iii) Car headlight (iv) Solar cooker.
 Which two are correct uses only for convex mirrors?
 A. iii and iv B. ii and iv
 C. i and iii D. i and ii
19. The largest blood component is known as
 A. red blood cells B. platelets C. plasma D. white blood cells.
20. All the following are excretory products from the body. Which one is excreted by all the excretory organ
 A. excess salts B. excess water C. urea D. carbon dioxide.

SECTION B: Answer all questions in the spaces provided

21. Levi, a Grade 9 learner from your neighbouring school has approached you with the following question. Calcium has an atomic number of 20 and a mass number of 40.
- (a). What is the number of each of the following particles in the atom of the calcium (3mks)
- (i). Proton _____
 (ii). Neutrons _____
 (iii). Electrons _____

22. Define the following terms

(a). Atom

(2mks)

(b). Isotopes

(2mks)

(c). An alloy

(2mks)

23. Differentiate between ductility and malleability

(2mks)

24. Grade 9 learners from Josnah Junior school were learning about rusting. They discussed on ways in which it can be controlled. State four methods they discussed

(4mks)

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

25. Peter threw a stone and it landed on a metal container. What energy transformations were involved?

(3mks)

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

26. The cell membrane allows some particles to go through it but not others. Which property of the cell membrane is responsible for this

(2mks)

- (i). _____
- (ii). _____

27. Explain how the following factors affects the rate of osmosis

(a). Temperature

(2mks)

(b). Surface area to volume ratio

(2mks)

28. Explain why ink spreads faster in warm water than in cold water

(2mks)

29. The kidney is one of the excretory organs. Identify the four important parts of the kidney

(4mks)

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

KENYA JUNIOR SCHOOL EDUCATION ASSESSMENT
GRADE 9 - YEAR 2025
AGRICULTURE & NUTRITION



002

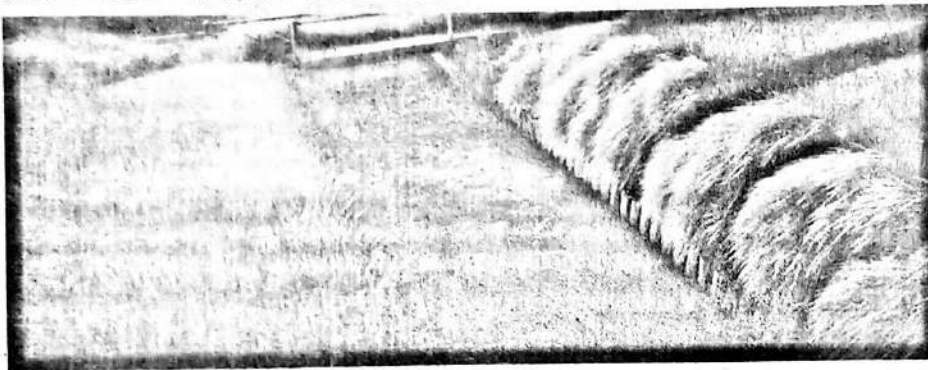
Name _____ Assessment No. _____

School _____ Date. _____

Instructions: This paper consist of two Sections A and B TIME: 1HR. 40MIN

SECTION A: (20mks)

1. The diagram below shows a method of soil conservation where channels are constructed and used for the safe disposal of excess run-off from the crop lands to some safe outlet like rivers, streams e.t.c



The method of soil conservation shown in the picture above is known as

- A. grassed water way
 - B. soil bunds
 - C. stone lines
 - D. crop striping.
2. The following are reasons for soil preservation. Which one is not?
- A. It enhances food security
 - B. Soil conservation prevents erosion
 - C. Soil supports plant growth
 - D. To get rid of small animals living in the soil
3. Oluoch, a Grade 9 learner, wanted to roast some piece of meat. Which one of the following is not a safety precaution he should observe?
- A. Ensuring even turning of meal
 - B. Using the right equipment
 - C. Tasting meat each time he turns it
 - D. Ensuring he uses the right amount of heat.
4. Grade 9 learners were discussing on how to conserve animal feed, hay. Which of the following is not a reason for conserving hay?
- A. To offer a balanced diet
 - B. To avoid wastage of forage
 - C. To get income for selling surplus forage
 - D. To provide the animal with feeds during periods of feed shortage.

5. A domestic animal is unwell and needs emergency medical attention. In which one of the following ways can a farmer get veterinary service as quickly as possible?
- Using internet to search for available veterinary
 - Using a mobile phone to call the veterinary officers
 - Calling for help from villagers
 - Attending directly to the animal.

6. Grade 8 learners from Nyabisabo Junior School wanted to construct an innovative chicken drinker using locally available materials. They assembled the following materials:

- | | |
|----------------------------|-------------------|
| (i) a plastic water bottle | (ii) a nail |
| (iii) a marker pen | (iv) a syringe |
| (v) a knife | (vi) a solar bulb |
| (vii) string | (viii) water. |

Among the above materials, which two materials were not necessary?

- | | |
|----------------------------|--------------------------|
| A. A nail and a marker pen | B. A syringe and a knife |
| C. A marker pen and water | D. A solar bulb. |
7. Which one of the following is not an example of crop pests?
- Aphids
 - Rabbits
 - Cutworms
 - Caterpillar.
8. Study the diagram below.



The purpose of growing crops as shown in the picture above is to

- | | |
|---------------------------------------|-------------------------------|
| A. enable proper development of roots | B. increase fertility |
| C. conserve moisture in the soil | D. maximize the use of water. |
9. All the following are benefits of one having a kitchen garden except
- increases food security
 - it results into weeds
 - it is a source of income
 - beautifies the home compound.
10. Trees are fundamental components of our environment. Which one of the following is not an importance of trees? Trees
- act as windbreakers
 - help in freshening the air
 - forms part of humus
 - bring wind that erodes soil
11. Grade 9 learners prepared the structure shown for string surface- run off.



- Which one of the following is a maintenance practice carried out on the structure?
- Replacing the polythene bag and avoid leaking
 - Removing the polythene bag
 - Removing crops/ plants along its shores
 - Adding some soils into it
- The type of soil erosion that is not easily noticed is also known to be controlled by
 - building gabions
 - making terraces
 - mulching
 - planting cover crops.
 - After making compost manure, learners were advised to add or sprinkle water after some days. The reason for sprinkling water was to
 - make it wet
 - make it moist for fast decomposition
 - introduce bacteria
 - make it rot.
 - Which one of the following is not a step observed when slaughtering a chicken?
 - Removal of oval
 - Beheading
 - Scaling
 - Singeing.
 - Creeping crops are those that grow along the ground. Which one of the list below is not a creeping plant?
 - Sweet potatoes
 - Passion fruits
 - Water melon
 - Pumpkin
 - The school cateress asked you how to design a menu of a balanced diet for lunch. Which one of the following is not a consideration you would seek?
 - Age of attendees
 - Health concerns
 - Cooking methods
 - flavours available.
 - Which one of the following is not an importance of preserving left over foods at home?
 - It regains most of its nutrients after preservation
 - Saves on labour
 - Saves on costs
 - Reduces food wastage.
 - Which statement below describes what Integrated farming is?
 - Is a method where a farmers use different farming methods
 - Is a method of farming that involves a combination of several enterprises in a way that they benefit each other
 - Is a method that integrates use of ICT tools
 - Is a method that is purely based on artificial usage of fertilizers.
 - Which one of the following constitutes a balanced meal
 - Cassava, cabbage fruits
 - Sukuma wiki, ugali, chapati
 - Ugali, vegetables, stew
 - Stew, rice, beans
 - The following are leguminous crops except
 - green grams
 - oats
 - beans
 - yellow beans.

SECTION B: Answer all the questions in the spaces provided

21. Mukhtar is preparing to carry out weekly cleaning of the kitchen. Outline three duties he will undertake during cleaning (3mks)

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

22. Explain five responsible ways of using ICT platforms (5mks)

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

23. A farmer wants to buy agricultural input. How can the farmer buy the input online? (4mks)

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

24. Describe three methods that can be used to preserve meat (3mks)

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

25. Grade 8 learners were having a lesson on dressing a poultry carcass. Highlight five importances of dressing a poultry carcass? (5mks)

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

26. Describe four daily rearing practices carried out in a fold (4mks)

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

27. Highlight how a farmer ensures safety when handling domestic animals (3mks)

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

28. Describe three ways of controlling diseases in a vegetable garden (3mks)

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

KENYA JUNIOR SCHOOL EDUCATION ASSESSMENT

GRADE 9 - YEAR 2025

SOCIAL STUDIES

TIME: 1HR. 30MIN



002

Name _____ Assessment No. _____

School _____ Date. _____

Instructions: This paper consists of two Sections A and B

SECTION A: Answer all questions

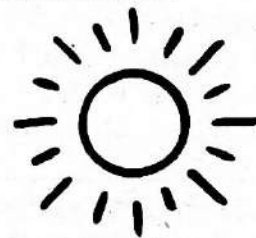
- The line of latitude 0° crosses several countries of Africa. Which one of these countries is not crossed by the line?
A. Somalia
B. Cameroon
C. Gabon
D. Uganda.
- Alfayo is an experienced traditional blacksmith, he has decided to teach his son how to make iron tools in his workshop. What method of training did he use?
A. Apprenticeship
B. Formal education
C. Adult education
D. Internship
- The method of farming practised on crops and livestock enough to support the farmer and their family with little or nothing to sell is known as
A. organic farming
B. mixed farming
C. subsistence farming
D. shifting cultivation.
- Grade 9 learners were asked by their Social studies teacher to make posters to advertise economic activities in Kenya:

- Agriculture is the backbone of our economy
- Athletics make Kenya famous
- Welcome to Kenya, the home of the big five
- Enjoy our sandy beaches and warm climate.
- Kenya has a rich cultural heritage.

Which combination of messages is likely to promote tourism?

- i, ii, iii
- i, iii, iv
- ii, iii, iv
- iii, iv, v

- Latitudes are lines that run parallel to the equator. Which one of the following is not true about latitudes?
A. Latitudes are unequal in length
B. Latitudes run from the North Pole to the South Pole
C. Latitudes are parallel to each other
D. Latitudes run from East to West.
- Choose among the following a historic built environment found in Tanzania
A. Olduvai Gorge
B. Gedi Ruins
C. Namugongo Shrines
D. Hyrax Museum
- Different instruments are used to measure different elements of weather. Which weather instrument is used to measure the weather condition illustrated below?



- Barometer
 - Hygrometer
 - Windvane
 - Sunshine recorder.
- After Kemboi won a gold medal in the Olympics, the Kenyan flag was raised. Which colour of the Kenyan flag symbolised country's landscape and natural wealth?
A. Red
B. Green
C. White
D. Black.
 - Places where man's remains, which are evident of his past existence, were found are known as
A. monuments
B. museums
C. pre-historic sites
D. historical sites.

(a) James wanted to walk from the police station to the quarry. Give the direction he would take. (1mk)

(b) During the lesson, the teacher asked the learner to measure the distance along the road from the junction to the farthest East. Give the distance in kilometers. (2mks)

(i). _____

(ii). _____

(c) The teacher asked the learners to identify economic activities carried out in the area. List down four of these activities. (4mks)

(i). _____

(ii). _____

(iii). _____

(iv). _____

(d) The learner were asked by the teacher to answer the following questions

(i). The type of settlement in the area _____ (1mk)

(ii). Religion practised in the area _____ (1mk)

(iii). Climate around South Western part of the area _____ (1mk)

22. Grade 9 learners were asked by their Social Studies teacher to define the following terms as used in Social Studies (2mks)

(a) A map _____

(b) Social Studies _____

23. Evolution theory explains how living organisms underwent processes of change over millions of years. Name the three processes. (3mks)

(i). _____

(ii). _____

(iii). _____

24. State any three importance of fossils records (3mks)

(i). _____

(ii). _____

(iii). _____

25. Grade 9 learners of Bidii Comprehensive School were learning about early civilisation. Name three places of origin of the early visitors from Europe and Asia (3mks)

(i). _____

(ii). _____

(iii). _____

26. Explain three factors that led to the growth of East Africa city-states. (3mks)

(i). _____

(ii). _____

(iii). _____

27. Grade 9 learners were learning about maps. List down any three types of maps

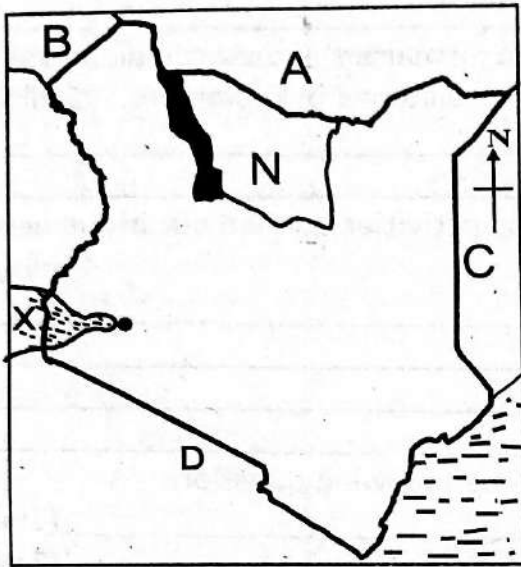
(i). _____

(ii). _____

(iii). _____

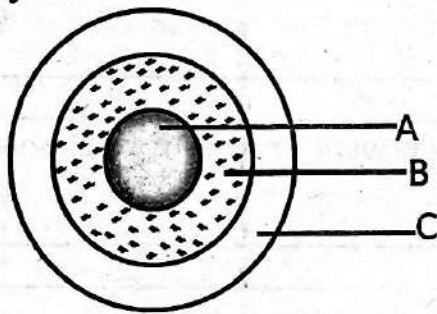
28. Explain between a picture and a plan (2mks)

29. The map of Kenya below was used by a Grade 9 teacher to facilitate learning. Use it to answer questions a - c (6mks)



- (a) The county marked N is _____
- (b) The water body marked X is called _____
- (c) Name the countries marked
- A _____
- B _____
- C _____
- D _____

30. The diagram below shows the internal structure of the earth. Name the three layers marked A - C (3mks)



- A _____
- B _____
- C _____

31. State any three ways we can build a healthy self-esteem. (3mks)

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

32. List three social injustices committed to the African during the Indian ocean trade

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

33. List any three situations that lead to conflicts in our society. (3mks)

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

34. Give two contributions of early civilization to modern world (2mks)

- (i) _____
- (ii) _____

35. State two terms of Berlin conference of 1884- 1885 on partitioning of Africa (2mks)

- (i) _____
- (ii) _____

36. Which is the largest county in Kenya in terms of size? (1mk)

KENYA JUNIOR SCHOOL EDUCATION ASSESSMENT

GRADE 9 - 2025

CREATIVE ARTS & SPORTS



002

Name _____ Assessment No. _____

School _____ Date. _____

Instructions: This paper consists of two Sections: A and B

TIME: 1HR. 40MIN

SECTION A : 20MKS

- Which French rhythm name matches the musical notes it represents?
A. taa B. ta-te C. taa-aa D. taa-aa-aa-aa
- Choose among the following a pair that consists of primary colours.
A. Yellow and Green B. Red and Blue
C. Purple and Blue D. Orange and Green
- The following are techniques used to play the game of handball. Which one is not?
A. Dribbling B. Catching C. Throwing D. Bowling
- Which one of the following is not an element of Visual Arts?
A. Line B. Shape C. Proportion D. Tone
- Grade 9 learners of Kazungu Junior Secondary School were asked by their Music teacher to list techniques used when playing a descant recorder. Who among the four gave an incorrect answer?
A. Rubbing B. Tonguing C. Blowing D. Fingering
- The following percussion instruments are all non-melodic. Which one is not?
A. Drum B. Shakers C. Adongo D. Marimba
- Pick out the ball game that is different from the others in terms of skills
A. basket ball B. netball C. handball D. football
- Grade 9 learners were asked by their teacher to list down phases of high jump. Four learners were chosen to answer
Zari - Clearance
Pode - Landing
Neli - Rotation
Auma - Take off
Who gave the wrong answer?
A. Neli B. Auma C. Podo D. Zari

9. Which one of the following is an example of a neutral colour?
 A. Grey B. White C. Brown D. Red

10. Identify the note shown below



- A. A B. F C. E D. B
11. Grade 9 Music teacher divided her class into two groups. She taught them a piece of Music which was sung loudly by one group and softly by the other group. What was she teaching her class?

- A. Music tempo B. Music rhythm
 C. Music dynamics D. Music pitch

12. The following are traditional wind instruments. Which one is not?

- A. Chivoti B. Coro C. Abu D. Ishiriri

13. Most ball games involve the skills of catching the ball during play. Which one does not?

- A. Football B. Handball C. Netball D. Baksetball

14. Oluoch used a football technique shown below to pass the ball to his teammate



Which type of pass did he execute?

- A. Chest pass
 B. Side pass
 C. Instep pass
 D. Overhead pass

15. Gymnastics is a game that requires training and practice to perform some movements. Which one of the following movement is not common in gymnastics?

- A. Rolling B. Balancing C. Jumping D. Throwing

16. Choose among the following a tool that cannot be used in drawing?

- A. Scapel B. Charcoal C. Pencil D. Chalk

17. Before a main competitive event, participants prepare in advance to get ready for the competition. They are referred to as
- A. warm down activities
 - B. jogging on the spot
 - C. warm up activities
 - D. actual practice
18. What do we call a picture or pattern made on a surface using only one medium?
- A. Collage
 - B. Crayon etching
 - C. Montage
 - D. Mosaic
19. Choose the field event in athletics that is the odd one out
- A. Long jump
 - B. Hammer
 - C. Triple jump
 - D. High jump
20. Identify skill in volleyball shown below



- A. serve
- B. attack
- C. blog
- D. dig

SECTION B: Answer all questions in the spaces provided

21. Grade 9 learners were asked by their Creative Art and Sports teacher to highlight elements of a play. Write any five elements they gave. (5mks)






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

22. Construct a scale of F-major on a treble staff on the space below (4mks)

23. List down any four features of a contemporary dance? (4mks)

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

24. Grade 9 learners of Tondo Junior Secondary school drew the following note rests. Provide their names and symbols. (4mks)

Rest	Name	Symbol
		
		
		
		
		

25. Write down any four pairs of analogous colours (4mks)

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

26. Christine was asked by her Creative Arts and Sports teacher to list down the progressive phases in triple jump. Write what she gave (3mks)

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

27. Write the two types of scenery composition in painting (2mks)

- (i) _____
- (ii) _____

28. List down any three elements and principles of Visual Arts (3mks)

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

29. Highlight any four techniques used in long distance running (4mks)

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

30. Name any view point in photography. (1mk)

KENYA JUNIOR SCHOOL EDUCATION ASSESSMENT GRADE 9 - YEAR 2025 PRE-TECHNICAL STUDIES



002

Name _____ Assessment No. _____

School _____ Date. _____

Instructions: This paper consists of two Sections A and B

TIME: 1HR. 40MIN

Section A: (20MKS)

1. Kingi a fire fighter visited Grade 9 learners to discuss fire safety. The following are measures to prevent fire outbreaks at home he most likely mentioned except
 - A. Storing flammable materials properly
 - B. Ignoring one sockets
 - C. Allowing for easy access to fire alarm equipment
 - D. Keeping a work environment clean and orderly
2. Which one of the following fire fighting methods involves suppressing oxygen?
 - A. Interrupting method
 - B. Smothering
 - C. Cooling
 - D. Starving.
3. Njomo owns a publishing company. He carries out different transactions in order to run his business. Which one of the following is not a classification of business transactions in entrepreneurship?
 - A. Cash sales
 - B. loan repayment
 - C. Payment of salaries
 - D. Leisure pay.
4. The diagram below shows a secateur

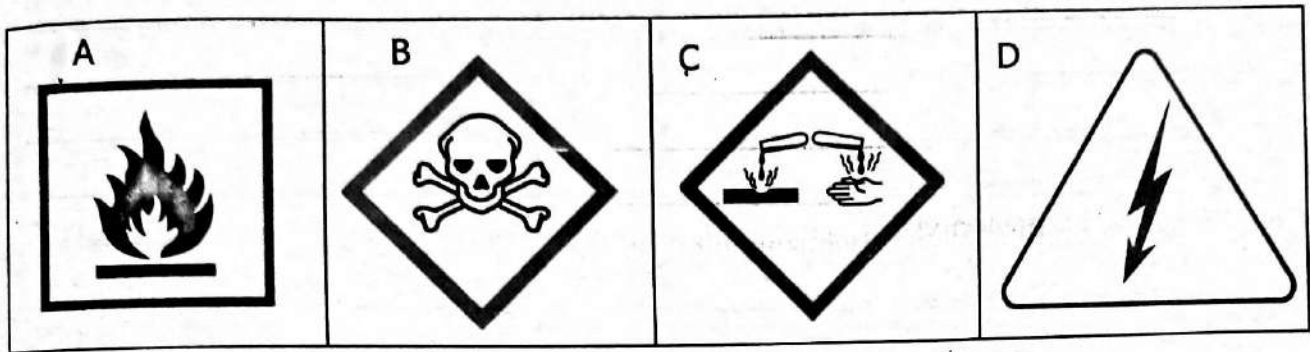


Which one of the following is its function?

- A. Trimming plants
 - B. Bending wires
 - C. Cutting woods
 - D. Cutting wires.
5. A welder wants to cut a piece of metal for a project. Which tool is the most appropriate to use to mark before cutting?
 - A. Tape measure
 - B. Hand saw
 - C. Pencil
 - D. Steel rule.
 6. A Grade 9 learner wants to cut a piece of wood for a project. Choose the appropriate tool to use
 - A. Hacksaw
 - B. Pliers
 - C. Hammer
 - D. Hand saw.

7. Materials are recycled for management purposes. The reason for recycling materials used for packaging is to
- protect human health
 - provide employment
 - do away with pollution
 - reduce double handling
8. Anyega has qualified from college and he wants to start a business. Which one of the following characteristics should he possess in order to thrive in entrepreneurship?
- Go for further studies
 - Acquire big loans to start business
 - Copy the successful business people
 - Should be a risktaker
9. A student studying at the university wants to buy a portable computer with fast processing speed and large memory capacity for video editing. Which one of the following would be the most appropriate computer for this use?
- Super computer
 - Micro computer
 - Mainframe computer
 - Laptop computer.
10. Grade 9 learners were studying in a computerised room. The following are rules they ought to observe apart from
- handling machines without instructor's guidance
 - limiting movement in the room
 - asking for guidance
 - not eating or drinking.
11. The following icons are found on the display of a digital device. Which one is used to retrieve a document in word processing?
- Save
 - Open
 - Undo
 - Bold
12. Consumer protection measures are often established by the law. Which one of the following is not a way of protecting consumers?
- Consumer education on their rights
 - Formation of consumers associations
 - Ensuring continuous supply of goods to avoid hoarding
 - Installation of middlemen in the chain of market.
13. People should always adhere to safety on raised platforms. Which of the following is not an example of a raised platform?
- Ramps
 - Scaffold
 - Ladder
 - Jack hammer.
14. There are ways of minimizing risks related to working on raised platforms. Which among the following is one of them?
- Always wearing safety harness and helmets for protection
 - Continuous use of faulty equipments
 - Keeping the platform slippery and wet
 - Working on raised platforms during strong winds.

15. Which of the following hazardous signs represents flammable substances?



16. The following are ways for securing data in an electronic device such as computer.

Identify one way that is incorrect

- A. Backing up data
 - B. Limiting personal information to share
 - C. Use of strong password
 - D. Using one password over the over
17. Achieng a Grade 9 learner suffered from smoke poisoning. Below are procedures of performing first aid to her. Which one is not appropriate?
- A. Moving her to a safety place with plenty of fresh air
 - B. Laying her on her back while giving her cold water
 - C. Loosen her clothes
 - D. Lay her on her side
18. Which one of the following is the odd one out?
- A. Mouse
 - B. Projectors
 - C. Camera
 - D. Keyboard
19. Which one of the following is an example of oral/verbal communication channels?
- A. Lectures
 - B. Memos
 - C. Circular
 - D. Websites.
20. Income is the money earned on a regular basis. Which one of the following is not an example of active source of income?
- A. Fees
 - B. Wages
 - C. Rent
 - D. Salaries.

SECTION B: Answer all the questions in the spaces provided

21. Grade 9 learners were asked to bring ceramic materials during a practical lesson. Mention four common ceramic materials they found in the locality. (4mks)

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

22. Name the four categories of computer hardware. (4mks)

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

23. Name three common visual programming applications. (3mks)

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

24. State three factors to consider when selecting input devices for use in a computer in your school. (3mks)

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

25. Give five examples of written communications channels. (5mks)

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

26. Give four factors to consider when selecting a channel of communication. (4mks)

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

27. Identify five possible online threats to data safety. (5mks)

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

28. Highlight two unethical behaviours that business people may get engaged in. (2mks)

- (i) _____
- (ii) _____

KENYA JUNIOR SCHOOL EDUCATION ASSESSMENT

GRADE 9 - YEAR 2025

**002**

CHRISTIAN RELIGIOUS EDUCATION

Name _____ Assessment No. _____

School _____ Date. _____

Instructions: This paper consist of two sections: A and B

TIME: 1HR. 30MIN

SECTION A : (20MKS)

1. Sin came to human kind as a result of disobedience of the first man. Which one of the following is not a consequence of sin as a result of this?
 - A. Man started toiling in order to make amends
 - B. Adam lived happily after in the garden of Eden
 - C. Adam and Eve became more prone to sin
 - D. They also hid from God.
2. To live harmoniously, it is important to have and observe some values. Among the following which one is not Godly?
 - A. Tolerance
 - B. Envy
 - C. Justice
 - D. Peace.
3. The church has played some roles in education in Kenya. Which one of the following is an example of such roles?
 - A. Offering scholarships to needy students
 - B. Exporting people to other countries to work as slaves
 - C. Preaching the gospel
 - D. Building of hospitals.
4. During breaktime, some Grade Eight girls discussed on different types of families. Which one of the following is not a type of family they mentioned?
 - A. Extended family
 - B. Single parent family
 - C. Nuclear family
 - D. Community based family
5. The following are all gospel books. Which one is an exception?
 - A. Luke
 - B. Revelation
 - C. Matthew
 - D. John
6. John the Baptist baptised people in River Jordan. Apart from that he as well preached. Which one was not part of his teachings?
 - A. He asked people to be contented
 - B. He preached of repentance
 - C. He advocated for justice
 - D. He condemned love.

7. God is the sole creator of all creation. Which other attribute can we draw from the two accounts of creation? God is
- A. merciful
B. omnipresent
C. kind
D. lonely.
8. Which one of the following is not a life skill required by Christians?
- A. Decision making
B. Critical thinking
C. Problem solving
D. Procrastination.
9. The following are ways in which one can effectively use national resources. Which one is not?
- A. Quarrying
B. Farming using organic manure
C. Afforestation
D. Irrigation.
10. The following are examples of needy people except
- A. orphans
B. homeless people
C. landless people
D. drunkards.
11. Why are Christians encouraged to help the needy?
- A. To receive praises from people
B. To become politicians
C. It is the command of God
D. Because they have a lot of money
12. Christians aspire to possess the fruit of the Holy Spirit. The following are ways in which Christians can demonstrate the fruit of the Holy Spirit in them except
- A. rejoicing and be glad at all times
B. treating others fairly
C. behaving well and being polite to others
D. self centered.
13. Which one of the following is not an example of a fruit of the Holy Spirit?
- A. Joy
B. Love
C. Healing
D. Patience.
14. Why did the Pharisees and the teachers of the law accuse Jesus of blasphemy during the healing of the paralytic?
- A. They just disliked him
B. They were angry that Jesus Christ claimed to have the same power of God
C. Jesus was pretending to possess power.
D. They never liked paralytic people.
15. All the following are situations in which Christians should apply faith In God except
- A. case of sickness
B. financial challenges
C. sport competitions
D. protection from danger

16. Abraham demonstrated in many ways that he had faith in God. Which one was not one of the ways?
- A. He believed in God he not known before
 - B. He put his trust in God
 - C. He was willing to sacrifice his son Isaac to God
 - D. He agreed to Mary his second wife.
17. The Bible has how many books?
- A. 27
 - B. 66
 - C. 67
 - D. 39
18. Who were the parents of John the Baptist?
- A. John and Elizabeth
 - B. Zechariah and Mary
 - C. Elizabeth and Joseph
 - D. Zechariah and Elizabeth.
19. The order of creation is well outlined in the book of Genesis. Which one of the following was created in day two?
- A. The sky
 - B. Sun and moon
 - C. Land animals and human
 - D. Light.
20. As a young Christian what advice would you give your fellow classmate who is into sexual abuse?
- A. Advise a friend to talk to him
 - B. Inform him that sex is a sin for the unmarried
 - C. Ask him to do it secretly
 - D. Tell your other classmates about it

SECTION B: Answer all questions

21. You have observed some youths from your locality committing sinful and immoral acts. Outline two characteristics of ungodly covenants. (2mks)
- (i) _____
- (ii) _____
22. Abraham demonstrated much faith in God. Mention two of the promises made by God to Abraham. (2mks)
- (i) _____
- (ii) _____
23. According to *1st Samuel 8:1-9*, the Israelites demanded for a king. Outline three reasons why the Israelites demanded for a king. (3mks)
- (i) _____
- (ii) _____
- (iii) _____

24. Jesus healed a paralysed man who was brought by his friends. Give four lessons that we learn from this miracle (4mks)

- (I) _____
- (II) _____
- (III) _____
- (IV) _____

25. Every morning before going to school, Kware's mother leads them in a word of prayer. Describe four importances of prayer in our day to day life (4mks)

- (I) _____
- (II) _____
- (III) _____
- (IV) _____

26. From the Bible in Luke 15, 1-17 Jesus taught the parable of the lost sheep. Which three lessons do we learn from this parable (3mks)

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

27. Mention four ways in which we can have a close relationship with God (4mks)

- (i) _____
- (II) _____
- (iii) _____
- (iv) _____

28. Christians are encouraged to use their leisure time well

(a) Outline four positive ways of using leisure time (4mks)

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

(b) List four ways in which some youths misuse leisure today (4mks)

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



MATHEMATICS

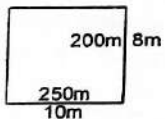
Section A

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

SECTION B

21. $-10 + 15$
= 5 points
22. Work out the numerator first
Bodmas
 $4(5-3) - 9 \div -3 + 20$
 $4(5+3) - 9 \div -3 + 20$
 $4(8) - 9 \div -3 + 20$
 $32(-9 \div 3) + 20$
 $-9 = 3$
 -3
 $32 + 3 + 20 = 55$
Work out the denominator
Bodmas
 $(63 \div 9) \times 4 - 8$
 $(7 \times 4) - 8$
 $28 - 8$
 $= 20$
Divide the numerator by the denominator
 $\frac{55}{20} = \frac{11}{4}$
 $= 2\frac{3}{4}$

23. A scale used is
1:2500
A sketch figure



- 1cm rep 2500cm
1cm rep 25m
10cm ?
8cm ?
Area of the actual land
= L x W
250m x 200m
250 x 200m²
10000m²
50
10 5 ha

24. Surface area of a cone
 $= \pi r^2 + \pi r l$

Area of a circular part
 πr^2 i.e
 $22 \times 14^2 \text{cm} \times 14 \text{cm}$
 7_1
 $44 \text{cm} \times 14 \text{cm} = 616 \text{cm}$
Area of the curved part
=
 $22 \times 14^2 \text{cm} \times 20 \text{cm}$
 7_1
 $44 \text{cm} \times 20 \text{cm} = 880 \text{cm}^2$
Total surface area
= $616 \text{cm}^2 + 880 \text{cm}^2$
= 1496cm^2

25. 2,5,6,7 and 8
The Nos can be matched using the table below

	2	5	6	7	8
2	22	25	26	27	28
5	52	55	56	57	58
6	62	65	66	67	68
7	72	75	76	77	78
8	82	85	86	87	88

The possible outcomes are
22, 25, 26, 27, 28, 52, 55, 56, 57, 58, 62, 65, 66, 67, 68, 72, 75, 76, 77, 78, 82, 85, 86, 87 and 88

26. The median of 3, 6, 2, 4, 5

Arrange the no in order form i.e from the smallest to the largest
2, 3, 4, 5, 6
 $5 - 1 = \frac{4}{2}$

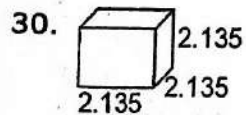
$2 \quad 3 \quad | \quad 4 \quad 5 \quad 6$
The median is 4

27. Parents Learners
4 5
? 720
 $4 \times \frac{720}{5}$
 5_1
= 576 parents

28. Simplify the fraction
 $\frac{st - sr + mt - mr}{s + m}$
 $\frac{s(t-r) + m(t-r)}{s + m}$
 $\frac{(s+m)(t-r)}{(s+m)}$
= $t - r$

29. Using substitution method
 $x + y = 12$ i
 $2x + y = 19$ ii
From i to obtain iii
 $y = 12 - x$ iii
 $2x + 1(12 - x) = 19$
 $2x + 12 - x = 19$
 $2x - x = 19 - 12$
 $x = 7$
 $y = 12 - 7$
 $y = 5$

- (b). When $x = 7$ $y = 5$
 $2(3s + 2t = 3900)$
 $3(2s + 5t = 8100)$
 $6s + 145t = 24300$
 $-6s + 4t = 7800$
 $11t = 16500$
 11 11
 $t = \text{Sh.}1500$
 $3s + 3000 = 3900$
 $3s = 900$
 3 3
 $s = \text{sh}300$
One shirt = 300
a pair of trouser = 1500



$V = S \times S \times S$
 $2.135 \text{m} \times 2.135 \text{m} \times 2.135 \text{m}$
 $v = 9.732 \text{m}^3$
 $1 \text{m}^3 = 1000 \text{ litres}$
 $9.732 \text{m}^3 = ?$
 $9732 \text{m}^3 \times 1000 \text{ litres}$
1000
= 9732 Litres

31. Work out
 0.0345^3
 $(3.45 \times 10^{-2})^3$
 3.453×10^{-6}
 41.064×10^{-6}
 $4.1064 \times 10^1 \times 10^{-6}$
 4.1064×10^{-5}
 $= 0.000041064$

32. By use of factor method

$$\begin{array}{r} \sqrt[3]{1728} \\ 2 \overline{) 1728} \\ \underline{2} \\ 2 \overline{) 864} \\ \underline{2} \\ 2 \overline{) 432} \\ \underline{2} \\ 2 \overline{) 216} \\ \underline{2} \\ 2 \overline{) 108} \\ \underline{2} \\ 3 \overline{) 54} \\ \underline{3} \\ 3 \overline{) 27} \\ \underline{3} \\ 3 \overline{) 9} \\ \underline{3} \\ 1 \end{array}$$

$1728 = 2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 3 \times 3 \times 3$
 $\sqrt[3]{1728} = 2 \times 2 \times 3$
 $= 12$

33. In index form, $28561 = 13^4$
 Base = 13 and index is 4

34. (a). 37

(b). $x=2$

35. 1 day = 32 eggs
 8 days = ?
 $8 \times 32 = 256$ eggs
 $256 = 4 \times 4 \times 4 \times 4$
 $256 = 4^4$

36. (a). $\frac{1}{64}$

(b). 122

37. 5

38. Grade 9 A Boys : Girls
 $2 : 3$
 Grade 9B Boys : Girls
 $3 : 4$
 $9A = \frac{2}{3}$ and $9B = \frac{3}{4}$
 $\frac{2}{3}$ and $\frac{3}{4}$
 $\frac{8}{12}$ and $\frac{9}{12}$

$\frac{3}{4}$ is greater than $\frac{2}{3}$
 Grade 9B has a higher no of boys to girls than 9A

ENGLISH Paper 1

Section A

- | | | |
|------|------|------|
| 1.D | 2.A | 3.B |
| 4.A | 5.C | 6.B |
| 7.C | 8.B | 9.D |
| 10.A | 11.B | 12.B |
| 13.C | 14.B | 15.C |
| 16.B | 17.B | 18.C |
| 19.A | 20.D | 21.B |
| 22.A | 23.D | 24.A |
| 25.C | 26.D | 27.B |
| 28.C | 29.A | 30.D |
| 31.B | 32.A | 33.D |
| 34.B | 35.C | 36.A |
| 37.D | 38.C | 39.D |
| 40.C | 41.A | 42.C |
| 43.B | 44.A | 45.C |
| 46.D | 47.A | 48.B |
| 49.B | 50.D | |

ENGLISH PAPER paper 2

Task 2

1. There once lived a hare
2. The hare did not know what antelope was up to
3. Clever, honest, hardworking
4. Trickster
5. Dialogue

Task 3

1. three
2. displeasure - pressure
glory - victory
3. A friend in need
4. four

Task 4

1. In the governor's office
2. Hardworking, polite
3. Stella is awarded for working hard
4. Hardwork pays
5. Madam Mueni

Governor

Task 5

1. Cowardly, apologetic
2. At Kororia's home
3. They are friends/
Schoolmates
4. Revengeful
Forgiving/understanding
5. We should forgive others

KISWAHILI KARATASI YA 1

- | | | |
|------|--------|------|
| 1. C | 2. A/C | 3. A |
| 4. D | 5. B | 6. C |

- | | | |
|------|------|------|
| 7.C | 8.C | 9.C |
| 10.D | 11.B | 12.A |
| 13.A | 14.C | 15.B |
| 16.C | 17.C | 18.D |
| 19.B | 20.A | 21.B |
| 22.A | 23.D | 24.C |
| 25.B | 26.C | 27.A |
| 28.C | 29.D | 30.D |
| 31.A | 32.B | 33.C |
| 34.D | 35.A | 36.B |
| 37.D | 38.C | 39.B |
| 40.A | 41. | 42.C |
| 43.D | 44.B | 45.A |
| 46.C | 47.D | 48.C |
| 49.A | 50.C | |

KISWAHILI KARATASI YA 2

- (a). Mlafi, muoga, mjanja
- (b). Walifanya kazi ya ukulima
- (c). Bwana Jogoo alikuwa Swara
Bwana Jogoo alikuwa moto wa kuotea mbali
- (d). hakiki jibu
- (e). hakiki jibu
- (f). Tusiwe na tamaa
Tuepuke marafiki wabaya

Novella

- (a). hakiki jibu
- (b). hakiki jibu
- (c). hakiki jibu
- (d). (i). fujo. Waliosababisha fujo karamuni walikamatwa
(ii). Mashtaka
Kiongozi wa mashtaka aliwasomea washtakiwa mashtaka yao
- (e). (i). tuvumi
(ii). porojo

TAMTHLIA

- (a). hakiki jibu
 - (b). Umaskini, ukosefu wa kazi
Gharama ya maisha iko juu
 - (c). Mkahawani
 - (d). Muadhilifu, Mwenye hasira
Mpenda haki, Jasiri
 - (e). Kinaya/masimulizi
- UShairi

- (a). wanadamu wanaotesa wanyama
- (b). Mola wanadamu akawapa fursa na agizo la kutunza viumbe vyote na kuwapenda
- (c). Tarbia (d). Minne

INTEGRATED SCIENCE**Section A**

- | | | |
|------|------|------|
| 1.D | 2.A | 3.C |
| 4.D | 5.B | 6.A |
| 7.C | 8.A | 9.D |
| 10.A | 11.D | 12.C |
| 13.C | 14.B | 15.D |
| 16.A | 17.D | 18.D |
| 19.C | 20.B | |

Section B






21. Protons - 20
Newtons - 20
Electrons - 20
22. Atom - is the smallest unit of matter that retains the properties of an element
- Isotopes - Are atoms of the same element that have the same number of protons but different number of neutrons
23. Ductility - ability is a physical property that refers to the ability to be stretched, drawn or deformed
- Malleability - is the ability of a material to deform under compressive stress
24. Coating and painting
Galvanization
Electroplating
Alloying
25. Chemical energy - Kinetic (throw)
Kinetic - Gravitational potential energy (in flight)
Kinetic - sound (on impact with the metal)
26. Semi permeability/selective permeability
27. Temperature - makes water molecules to move faster
Surface area to volume ratio- Large surface area allows more
28. When the temperature is high as it is in warm water molecules intend to move faster and viceversa

29. Ureter, Urether
Renal artery, bladder

CREATIVE ARTS & SPORTS

- | | | |
|------|------|------|
| 1. A | 2.B | 3.D |
| 4.C | 5.A | 6.D |
| 7.B | 8.A | 9.B |
| 10.A | 11.C | 12.D |
| 13.A | 14.B | 15.D |
| 16.A | 17.C | 18.D |
| 19.B | 20.D | |

Section B

21. Theme, Character, plot, Conflict, resolution
- 22.
23. Story, use of body, technique, music, costumes
24. Semibreve 
Minim 
Crotchet 
Quaver 
Semiquaver 
25. Green/Blue, Orange/yellow, Blue/Violet, Red/Orange
26. Hop - step - Jump
27. Sea scape, Landscape
28. Texture, unity/harmony, colour
29. Breathing, hydration, form, warm up, cool down
30. Birds view point, Normal view point, Worm's view point

AGRICULTURE & NUTRITION**SECTION A**

- | | | |
|------|------|------|
| 1. A | 2.D | 3.C |
| 4.A | 5.B | 6.D |
| 7.C | 8.C | 9.C |
| 10.D | 11.A | 12.D |
| 13.B | 14.C | 15.B |
| 16.D | 17.A | 18.B |
| 19.C | 20.B | |

SECTION B

21. cleaning, mopping, dusting
22. Protecting personal information
Respecting others on line
Using them for productivity

Fair use of policies
Following copyright and farm use policies

23. Choose a reliable online platform.
Search for the required products.
Check products details and review.
Place an order
Make payment
24. Drying
Smoking
Refrigeration
25. Improves meat hygiene and safety enhances meat quality and appearance
Increases marketability
Extends shelf life
Makes cooking easier
26. Cleaning
Watering
Feeding
Vaccination
27. Use proper handling equipment.
Approach animals calmly
Be aware of animals behaviour.
Maintain hygiene and health standards.

SOCIAL STUDIES**Section A**

- | | | |
|------|------|------|
| 1.B | 2.A | 3.C |
| 4.D | 5.B | 6.A |
| 7.D | 8.B | 9.C |
| 10.B | 11.A | 12.C |
| 13.D | 14.A | 15.B |
| 16.C | 17.A | 18.A |
| 19.D | 20.C | |

Section B

21. (a). North West,
(b). Mark correct answer
(c). fishing, mining, trading, farming
(d). (i). Christianity
(ii). Warm and wet
22. A map is a drawing or a graphic representation of the earth or a section of it on a flat surface

(b). study of human origin, their interrelation, environment, systems of government and economic activities

23. (i). mutation (ii). natural selection (iii). isolation and adaptation

24. open answer

25. Chinese, Indian, Greek, Syria

26. Trade, Monsoon winds, Swahili language & culture, bantu migration

27. (i) Sketch maps, Atlas maps, Topographic maps

28. A picture is an image of an individual, object or a scenery while a plan is a drawing of an area that is relatively smaller than the actual area on the ground.

29. (a). Marsabit

(b). Lake Victoria

(c). A- Ethiopia B-South Sudan C-Somalia D - Tanzania

30. A - Core B - Mantle C - crust

31. Open answer

32. Open answer

33. Open answer

34. Open answer

35. Ending of slavery, recognise king Leopald, Sphere of influence etc

36. Marsabit

PRE-TECHINICAL STUDIES

Section A

1.B 2.D 3.D

4.A 5.C 6.D

7.C 8.D 9.D

10.A 11.C 12.D

13.D 14.A 15.A

16.D 17.B 18.B

19.A 20.C

Section B

21. Ceramic tiles, Glass, Clay tiles, Baked clay bricks

22. Input devices, Output devices, Processing devices, Storage devices

23. Scratch, Sprite box, Roblox

24. Type of data to be input Accuracy of the input devices Available space

User needs

25. Emails, letters, memos, reports

26. Cost of the channel Urgency of the message Reliability of communication Number of people receiving the message

27. hacking, cyber bullying, phishing, viruses,

28. Hoarding Increased of prices

C.R.E

Section A

1. B 2. B 3.A

4. D 5. B 6.D

7. 8. D 9.

10.D 11.C 12.D

13.C 14.B 15.C

16.D 17.B 18.D

19.A 20.

SECTION B

21. Sexual or relational covenants before marriage

22. -Father of many Nations. -Many descendants.

23. Desire to be like other kings. Discontent with Samuel leadership. A need for political and military leadership.

24. Faith overcomes obstacles. The power of intercession. Jesus has authority over sin.

25. Connection with God. Expression of dependence on God. Spiritual growth and transformation. Access to Gods power.

26. God's deep love for every individual. God's desire for the salvation of all. Encouragement for the lost.

27. Regular prayer. Studying Gods word. Worship and praise. Obedience to Gods word Fellowship with other believers.

28. Open answer

I.R.E

1. B 2. C

3. A 4. D

5. All the phrases verses and chapters are uniformly eloquent

- Quran is being read in an identical dialect of Arabic

- Quran discuss different subjects like beliefs, ethnics prayers with specific rhymes, beauty and style

- Quran does not become outdated despite continous advancement in human knowledge

6. Lauhul Mahfudh Baitulizza Baitul Izza Prophet (SAW)

7. Never raise their voices or aloud to the prophet or their leaders - Avoiding being impatient before time is ripe

- Showing respect to the prophets on to the leaders of the Muslim community

- Need for discipline in following divine instructions

- Muslims brotherhood should be observed

- Avoid suspicion