COMPASS EXAMS SERIES 5

KPSEA FIFTH TRIAL-22

Class of KPSEA 2024

The PDF Comprises of assessment Questions Meant to prepare the learners to prepare for the KPSEA National Exams set for October 2024.

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(005)

Date:_____

Name:_____

Time: 2hrs

PART 1: ART AND CRAFT (10mks)
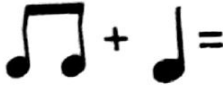
1. Decorations used to make seasonal cards to look more attractive are known as

   A. paintings   B. calligraphs

   C. embellishments   D. Drawings

2. The following materials can be used to make or design motifs for stencil printing .Which one is **not**?

   A. Piece of wood   B. Hard paper

   C. Skin   D. Hard plastic

3. The following are methods that can be used to decorate a shallow carved wooden bowl. Which one is **not** correct?

   A. Texturing   B. Smoking

   C. Incising   D. Dyeing

4. The process of pressing the kneaded clay to remove air when preparing clay for modelling is called

   A. slippery   B. wedging

   C. mixing   D. modelling

5. A mixture of clay and water is called

   A. slip   B. grog

   C. mud   D. paste

6. A learner was asked to tell what a clay that has been dried, fried, crushed and added to normal clay is called. What was her answer?

   A. Mud   B. Slip

   C. Grog   D. Paste

7. Grade six learners were required to collect leather to be used in class to practice making beaded leather wristband. Which one of the following would be the best source for them to use?

   A. Slaughter an animal and get the skin

   B. Buy leather from the shoe makers

   C. Collect leather from new leather items

   D. Collect from old leather items

8. The methods below can be used to prepare selected materials for coil and stitch technique in weaving. Which one is **false**?

   A. Colouring   B. Plaiting

   C. Tearing   D. Stripping

9. In montage, putting one picture cut-out on top of another in a way that allows the picture at the back to be partly visible is called

   A. spacing   B. overlapping

   C. balancing   D. shaping

10. The following factors are considered when drawing forms **except**

   A. proportion   B. space

   C. shape   D. balance

PART 2: MUSIC (10mks)
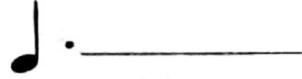
11. Which musical note is equal to

$$♪♪ + ♩ =$$

A. ♩ (with open head)
B. ♪
C. o
D. ♩

12. Which of the following music notes is **wrongly** matched with its rest?

	Notes	Rests
A.	♪	7
B.	o	▬
C.	♩ (minim)	▬
D.	♩	ξ

13. How many crotchets are in

♩. _____ crotchets

A. 2
B. 3
C. 4
D. 5

14. A learner was asked to describe the economic importance of folk songs. Which one was **wrong**?

A. Creates employment

B. Source of income to singers

C. Source of foreign exchange

D. For entertainment

15. The following are components of a folk dance. Which **one is not**?

A. Props
B. Audience
C. Costumes
D. Body movements

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16. The note D' played on a descant recorder is also called

A. lower D
B. D
C. higher D
D. higher C

17. Agnes was asked to list any pair of materials that can be used to make the resonator of a fiddle. Which pair was correct?

A. Hollow wood, strings

B. Cylindrical tin, strings

C. Hollow wood, cylindrical tins

D. Strings, Bow

18. Which of the following strings musical instruments is wrongly matched with the community that plays it?

Instruments	Community
A. Zeze	Agikuyu
B. Pukan	Pokot
C. Nyatiti	Luo
D. Adeu deu	Iteso

19. What is a duet?

A. One performer
B. Three performers
C. Four performers
D. Two performers

20. What is a voice blending?

A. Singing with unified sound

B. Singing disharmoniously

C. Singing together

D. Singing loudly
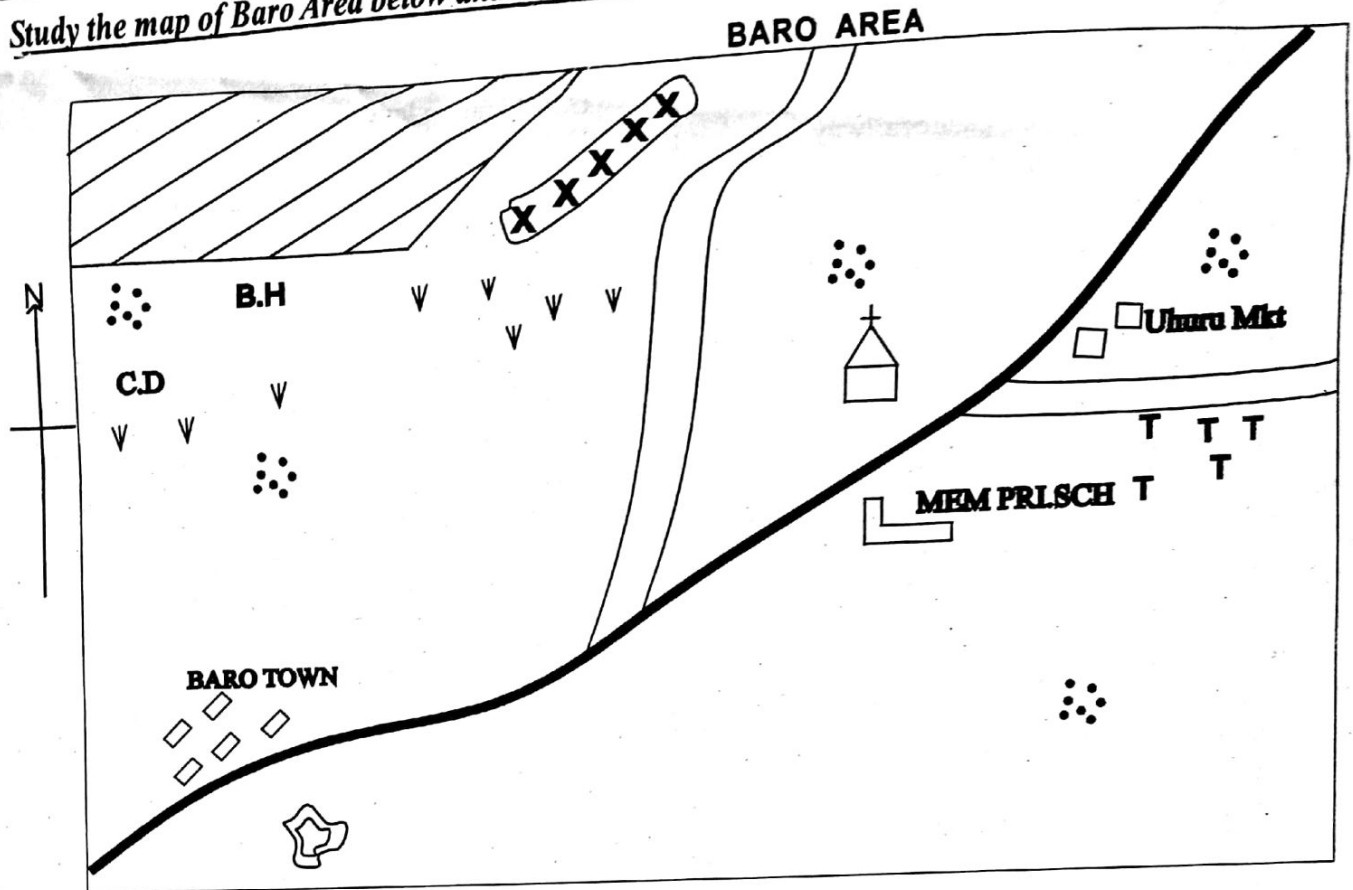
BARO AREA

Scale 1cm Rep 1km

KEY

CD	Cattle dip	□ □	Buildings	〰	Tarmac road
MKT	Market	•:•	Settlement	⁄⁄	Murram road
⬗	Quarry	▨	Game park		
B.H	Borehole	**T T**	Tea farms		
Ⅴ Ⅴ	Shrubs	✕✕✕	Air strip		

21. What evidence in the map shows that the north western part of Baro area is dry?
    A. Shrubs   B. Airstrip
    C. Cattle dip   D. Game park

22. What is the main economic activity to the south western part of Baro area?
    A. Trading   B. Cattle farming
    C. Tourism   D. Mining

23. What is the climatic condition of the area around uhuru market in the map?
    A. Cool and dry   B. Cool and wet
    C. Hot and wet   D. Hot and dry

24. What is the main type of settlement in Baro area?
    A. Linear settlement
    B. Nucleated settlement
    C. Scattered settlement
    D. Sparsely populated

25. What is likely to be transported by the airstrip in Baro area?
    A. Tourists   B. Traders
    C. Passengers   D. Livestock

26. The following are challenges facing railway transport network in Eastern Africa. Which one is **not**?
    A. Use of old locomotives
    B. Old railway lines
    C. New standard gauge railway
    D. Vandalism

27. Transport network plays major key roles in economic developments. Which one of the following is **not** one of the roles?
    A. Create job opportunities
    B. Promotes trade
    C. Foster international cooperation
    D. Brings disunity among countries

28. The following are some of the solutions that can be provided to challenges facing railway transport in Eastern Africa. Which one is **false**?
   A. Promote use of old locomotive engines
   B. Build new standard gauge railway
   C. Enact law to punish vandalizers
   D. Purchase new locomotive engines

29. Which of the following is a factor that promote tourism in Eastern Africa?
   A. Poaching
   B. Peace and stability
   C. Conflicts and wars
   D. Poor infrastructure

30. In which country in Eastern Africa do we get Kigwana game reserve and Kibira National park?
   A. Kenya
   B. Rwanda
   C. Uganda
   D. Burundi

31. The following are challenges facing fishing industry in Eastern Africa **except**
   A. lack of preservation facilities
   B. good local modern fishing nets
   C. water pollution
   D. lack of modern fishing nets

32. Beef farming can be promoted in many ways as an economic activity in Eastern Africa. Which one is **correct**?
   A. Severe drought in most parts
   B. Lack of veterinary services
   C. Establishing ranches
   D. Discouraging eating of meat

33. Large scale livestock farming is practised in various parts of different countries in Eastern Africa. Which country is **not** correctly matched with the regions that carry out large scale livestock farming

Country	Region
A. Kenya	Coastal region
B. Sudan	South Sudan
C. Uganda	Northen Uganda
D. Burundi	Southern Burundi

34. The following are ways in which schools collaborate with the communities. Which one is **false**?
   A. Create an environment for community service learning
   B. Provide staff and non- teaching staff
   C. Create communication barrier
   D. Community hires school buses

35. The clan play an important role in the community. Which one is **not** one of its roles?
   A. Settling disputes
   B. Creating disharmony
   C. Allocating land
   D. Organizing ceremonies

36. The following are negative effects of high population in eastern Africa. Which one is **not**?
   A. Low standards of living
   B. Land fragmentation
   C. Inadequate social amenities
   D. Provide market products

37. The following factors led to the migration of cushites from their original homeland. Which one is **not correct**?
   A. In search of cultivating land
   B. In search of pasture and water
   C. Increase in population
   D. Due to wars and conflicts

38. Which one among the boxes contains only semetic speakers?

A.
| Rendile |
| Amhara |
| Girghe |

B.
| Kababishi |
| Adere |
| Falasha |

C.
| Arabs |
| Orma |
| Nubians |

D.
| Nubians |
| Amhara |
| Yao |

39. Historic Built Environment are important in various ways. Which one of the following is **not** an importance of the Historic Built Environment?
   A. Dumpsite for town wastes
   B. As social interaction centres
   C. As learning resource centres
   D. Attracts tourists

40. Where would you get mountain vegetation?
   A. In a desert
   B. In a plain land
   C. On a mountain
   D. Near waterbodies

41. Which of the following Historic Built Environment is correctly matched with the country where it is found?

Historic Built Environment	Country
A. Black Hawk Down crash site Museum	Somalia
B. John Garang Mousolean	Sudan
C. St. Francis of Asis	Kenya
D. Namugongo	South Sudan

42. Which of the following is a way of conserving Historic built environment?
   A. Use them as dumpsites
   B. Destroying them
   C. Use them as warehouses
   D. Avoid destructing them

43. The type of vegetation found along the Indian Ocean coast of Eastern Africa is
   A. swamp vegetation
   B. mountain vegetation
   C. riverine vegetation
   D. mangrove vegetation

44. How would you **not** care for vegetation at school?
   A. Reafforestation
   B. Deforestation
   C. Afforestation
   D. Planting more trees

45. Below are characteristics of a certain type of climate in Eastern Africa;
   i) prolonged drought
   ii) less than 250mm of rainfall per year
   iii) cloudless sky throughout the year
   iv) hot and dry most of the months of the year
   The climate describe is
   A. semi desert
   B. tropical climate
   C. desert climate
   D. sub- tropical climate

46. What is the name of the river in the boundary of Tanzania and Mozambique?
   A. R. Ruvuma
   B. R. Rufiji
   C. R. Pangani
   D. R. Wami

Below is a diagram that represents how certain mountains were formed. Use it to answer questions 47- 49

Upthrust force
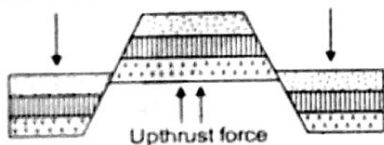
47. The process is called
   A. folding
   B. faulting
   C. upthrust
   D. volcanicity

48. What are any three examples of mountains in Eastern Africa formed through the above process?
   A. Mt. Ruwenzori, Mt. Pare, Mt. Meru
   B. Mt. Kenya, Mt. Elgon, Mt. Longonot
   C. Mt. Usambara, Mt. Kilimanjaro, Danakil Alps
   D. Mt. Pare, Danakil Alps, Ruwenzori

49. Which other physical feature in Eastern Africa was formed through the same process apart from the mountains?
   A. Block mountains
   B. Fold mountains
   C. Rift valley
   D. Volcanic mountains

50. How was Mt. Kilimanjaro formed? Through
   A. volcanicity
   B. folding
   C. upthrust
   D. faulting

51. How was lake Kivu formed?
   A. Through downwarping
   B. Lava blocking a river course
   C. Crater filled with water
   D. Man - made

52. The two main rivers flowing through Somali are
   A. Juba and Tana
   B. Shebeli and Rufiji
   C. Juba and Shebeli
   D. Tana and Athi

53. What type of climate is experienced in most parts of South Sudan?
   A. Tropical climate
   B. Equatorial climate
   C. Desert climate
   D. Semi desert climate

54. Which of the area below practice large scale crop farming in Kenya?
   A. Central Kenya, Northen Coastal region, Western regions
   C. Kisii region, Central regions, North eastern regions
   D. Kisii region, Western Kenya, Central regions

Study the map of Eastern Africa below and answer questions 55-60
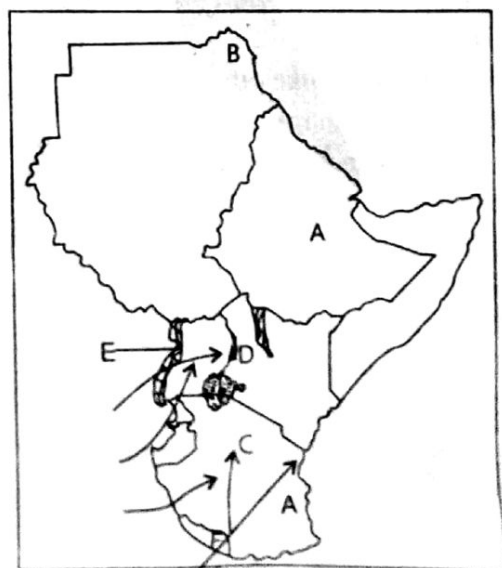
55. What is the capital city of the country marked A?
   A. Dar-es- Salaam
   B. Dodoma
   C. Arusha
   D. Moshi

56. What is the name of the desert marked B?
   A. Chalbi desert
   B. Kalahari desert
   C. Sahara desert
   D. Nubian desert

57. An example of community of the language group that followed route marked C is
   A. Ameru
   B. Rendile
   C. Maasai
   D. Iteso

58. How was the mountain marked D formed?
   A. Volcanicity
   B. Upthrust
   C. Folding
   D. Faulting

59. What is the name of the climatic region marked E?
   A. Tropical climate
   B. Desert climate
   C. Equatorial climate
   D. Sub- tropical climate

60. What is the name of the lake marked F?
   A. L. Malawi
   B. L. Natron
   C. L. Manyara
   D. L. Tanganyika

PART 4:
SECTION A: CRE (20mks)

61. The following are teachings we get from the Apostle's creed **except**
   A. God is powerful
   B. churches are many
   C. God is the creator
   D. eternal hope

62. From the story of the rich man and Lazarus, Christians learn that
   A. they should rebuke others
   B. they should mistreat others
   C. they should not feed others
   D. God will judge our actions

63. Lazarus had two sisters. Who were they
   A. Mary and Magdalene
   B. Martha and Salome
   C. Mary and Martha
   D. Martha and Magdalene

64. The following are lessons learnt from the miracle of the healing of the bleeding woman. Which one is **not**?
   A. Faith fails
   B. Faith heals
   C. God heals
   D. Seek help

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65. Which of the following qualities were shown by the Roman officer who went to Jesus to heal his servant?
   A. Love, hatred, kindness
   B. Love, kindness, humility
   C. Selfishness, humility, love
   D. Kindness, selfishness, hatred

66. When Jesus went to the wilderness he was tempted by the Satan. How many times was He tempted?
   A. Five
   B. One
   C. Three
   D. Two

67. The first four disciples of Jesus were
   A. farmers
   B. preachers
   C. tax collector
   D. fishermen

68. Which of the following are teachings we get from Jacob wrestling with God?
   A. Patient, persistent, social injustice
   B. Persistent, responsible, patient
   C. Selfish, humble, determined
   D. Determined, disobedience, loyal

69. The following are reasons why we should obey the ten commandments. Which one is the **best** reason?
   A. Promote harmonious living with others
   B. Promote hatred among people
   C. Promote social injustice among people
   D. Promote negativity in the society

70. Among the ten commandments which one teaches us to have purity of life?
   A. Do not commit murder
   B. Do not accuse anyone falsely
   C. Do not commit adultery
   D. Do not steal

71. Which of the boxes below contains values and skills in the ten commandments that enhance Christian living?

A.
| truthful |
| contentment |
| loyalty |
| social juctice |

B.
| dishonesty |
| loyalty |
| worship |
| respect |

C.
| respect |
| social injustice |
| contentment |
| responsibility |

D.
| contentment |
| worship |
| loyalty |
| selfishness |

72. Below are benefits of interpretation of the Bible to local languages to the missionaries. Which one is the best?
    A. Enabled them interact with locals
    B. Enabled the spread of the Gospel
    C. Enables missionaries learn local languages
    D. Enables missionaries build schools

73. Which of the books below was written by Luke?
    A. Matthew   B. Corinthians
    C. Acts of Apostle   D. Exodus

74. Four children spent their leisure time as below;
    Abigael - Visiting prisoners
    Gabriel - Gossiping
    Peter - Visiting the elderly
    Dorah - Cleaning the church compound
    Who among the children spent leisure time inappropriately?
    A. Dorah   B. Abigael
    C. Peter   D. Gabriel

75. When God created the earth and rested on the seventh day, He wanted to teach us that
    A. we should rest after work to thank God
    B. we should work throughout our lives
    C. we should not rest at all after works
    D. resting is a waste of time

76. Which one of the following values can be used to nurture our talents?
    A. Love   B. Hatred
    C. Dishonesty   D. Pride

77. Who among the following recovered an axe-head from water?
    A. Samson   B. Elisha
    C. Jacob   D. Moses

78. Susan was walking home from school when she met a man. The man offered to carry Susan on his motorbike. What would be the best thing for Susan to do?
    A. Enjoy the ride on Motorbike
    B. Ask the man to give her money instead
    C. Refuse the offer and go home
    D. Hug the man and appreciate him

79. "I have never seen a man in Israel with faith like this." Who was Jesus referring to when He said these words?
    A. Lazarus   B. Bleeding woman
    C. Martha   D. Roman officer

80. Why is the Bible an inspired word of God?
    A. Praising evils
    B. Rebukes evil
    C. Teaching the wrongs
    D. Giving instructions for wrong living

SECTION B: IRE (20mks)

61. Ahmed a grade six learner wanted to know about the teachings of surah Al- Takathur. Help him identify the correct teaching from the statements below
    A. prepare for the Day of Judgement
    B. use our time and money to invest in the hereafter
    C. perform good deeds and advice others to be patient
    D. spend more time and money on worldly pleasure

62. According to surah Al - Humaza, Muslims are warned to avoid three of the following things **except** one. Which one?
    A. Slandering   B. Backbiting
    C. Heedless in prayer D. Piling up of wealth

63. Which surah in the Qur'an reminds Muslims to prepare for the Day of Judgement? Surah
    A. Al- Qariah
    B. Al- Humaza
    C. At- Takathu ur
    D. Al- Asr

64. The following statements describes the Islamic code of dressing. The clothes must
    (i) not be transparent
    (ii) be above the ankle
    (iii) not be of the opposite gender
    (iv) not be tight. They must be loose
    Which of the above statements best describes both a Muslim male and female dress?
    A. (i) (iii) (iv)   B. (ii) (iii) (iv)
    C. (i) (ii) (iv)   D. (i) (ii) (I)

65. The following are matters that a Muslims should take advantage of according to the hadith on responsible use of human capabilities and resources. Which one is **not** among Them?
    A. Your health before you become sick
    B. Your knowledge before you became ignorant
    C. Your wealth before you becoming old
    D. Your wealth before you become poor

66. Grade 6 learners were asked to say how they apply the teachings of surah Al- Asr. Which learner gave the wrong answer from the statements below?
    A. **Juneid** :to advice to practice patience
    B. **Ahmed** : to acquire more wealth in my life
    C. **Warda**: to perform many good deed as i can
    D. **Bushra**: to use my time well

67. Which attribute of Allah (SWT) helps us to live a happy life without fear since we know that we are always protected by Allah (S.W.T)
A. Al-Waahid   B Al-Ghaffaasa
C. Al-Hafeedh   D. Al-Hayyu

68. Mention two things that Allah (S.W.T) is interested in according to the hadith on purity of actions
A. heart and deeds
B. intention and beauty
C. physical appearance and wealth
D. health and wealth

69. According to Hadith on dressing, which one of the following Islam guidelines are exclusively meant for female Muslims? The clothes should
A. cover the aura
B. be modest
C. not be of the opposite gender
D. cover the whole body except the hands and face

70. Bashir a grade six learner wrote the first four pillars of Iman on the flash cards. Help him arrange them in order
(i) belief His prophets
(ii) belief in Allah (S.W.T)
(iii) belief in His books
(iv) belief in His angels
A. (ii), (i), (iii), (iv)   B. (i), (iii), (ii), (iv)
C. (ii), (iv), (iii), (i)   D. (iv), (i), (ii), (iii)

71. Which one of the following statements is **not** true about witr prayer. Witr prayer
A. is the last sunnah prayer performed during the night
B. it is performed with odd number of rakat
C. it is only performed in the month of Ramadhan
D. Angels witness the prayer and make Dua for us

72. Three of the following are ways in which youth should use their energy for a responsible living. Which one of them is **not** correct?
A. Performing all the Fardh and Sunnah prayers
B. Performing child labour to create wealth
C. Doing exercises to keep fit and healthy
D. Reciting the Qur'an daily

73. Kassim was performing Dhuhr swalah. Which postures of Swalah is **not** correctly matched with its meaning?
A. Rukuu - standing in upright position
B. I'tidad- rising from Rukuu
C. Jalsa- sitting between the two sujuud
D. Sujuud- prostration

74. Which statement is **true** according to Islamic etiquette in a wedding celebration?
A. Music must be played
B. Mixing with opposite gender
C. Photographs should be posted on social media
D. The poor are invited

75. The following are acts of worship which can lead a Muslim to attain Taqwa **except** one. Which one is it?
A. Asking for forgiveness from Allah (SWT)
B. Establishing prayer
C. Fasting without observing the fardh prayers
D. Spending in the way of Allah

76. Prophet Ayub (A.S) was taken ill for a period of seven years. He relied on Allah (SWT) to cure him. It is therefore true to say that prophet Ayub had
A. Taqwa   B. Tawakkul
C. Ihsaan   D. Takreem

77. As Muslims, what lesson do we learn from prophet Ibrahim (AS) when he attempted to sacrifice his son for the sake of Allah (SWT)
A. Truthfulness   B. Forgiveness
C. Obedience   D. Patience

78. Which one of the following statements is **not** true about the prophet of Allah (SWT)?
A. Belief in the prophets is the fourth pillar of Iman
B. Some prophets committed sins
C. All the prophets were honest
D. They were sent to guide people worshipping Allah (SWT)

79. According to the teachings of Surah Al-Qariah choose the action that will make your scale heavy on the Day of judgement
A. abusing others
B. backbiting your friends
C. taking intoxicants
D. respecting parents

80. Three of the following are characters of prophet Muhammad (SAW) that we learn from his journey to Taif. Which one is **not** among them?
A. Obedience   B. Forgiveness
C. Perseverance   D. Patience

TIME: 1hr 20mins

Name:_____ Date:_____

Read the following passage then answer questions 1-8

Long time ago, the lion and the sheep were great friends even though they lived far away from each other. Both of them had wives although the sheep was newly married and had just got his first born. The lion, though young, had stayed with his wife for almost a decade. In fact, his wife had a dozen children. The lion and his family lived near a river. The sheep used to drink water from that river, which led to their friendship. The lion and the sheep visited each other regularly. During such visits, the two animals shared stories, advised one another and even shared a meal. They also introduced their families and strengthened their friendship. Their wives fetched firewood together, cleaned the houses and looked after their babies. One day, the lion visited the sheep. When he realised that they had gone to the market, he took their child to his home as supper. When the sheep learnt of what had happened, they fled to man's home for safety and protection.

1. According to the above story, it is true to say that
    A. sheep and the lion were neighbours   B. two animals lived together
    C. two animals were good friends   D. the two animals had many children

2. The lion had stayed with his wife for _____ years.
    A. two   B. almost ten   C. twelve   D. twenty

3. One of the following was **not** done by the two friends when they visited one another. Which one?
    A. Hunting together   B. Eating together   C. Advising each other   D. Telling stories

4. Where are the two animals likely to have met?
    A. In a forest   B. By the river   C. Under a tree   D. Near a mountain

5. How many children did the lion have?
    A. Twelve   B. One   C. Ten   D. Eight

6. Which one of the following was **not** done by the wives of the two animals?
    A. Fetching water
    C. Fetching firewood
    B. Looking after their young ones
    D. Cleaning the house

7. Where had the sheep and his wife gone when the lion took their child? To the

A. market   B. forest   C. river   D. lion's house

8. When the sheep and his wife fled to man's home, they hoped to be

A. given food   B. given shelter

C. helped to get their child back   D. given security

Complete the following passage filling the blank spaces with correct words from the choices provided

Children who ___9___ netball or ___10___ game at ___11___ benefit a lot. ___12___ games may become their ___13___ careers. This ___14___ been seen in our society. However ___15___ learners ___16___ encouraged to work ___17___ in class for them to succeed in both areas.

9.	A. play	B. played	C. playing	D. pray
10.	A. some	B. any	C. both	D. anny
11.	A. scool	B. school	C. schoole	D. schole
12.	A. That	B. This	C. These	D. Those
13.	A. feature	B. future	C. father	D. feture
14.	A. hadn't	B. has	C. have	D. had
15.	A. ,	B. .	C. ?	D. ;
16.	A. are	B. is	C. have	D. had
17.	A. herd	B. had	C. heard	D. hard

Read the passage below carefully and answer question 18-25

Have you ever wondered what education is? Many people like to say, " I am going to school to get education because I want to be like so and so." My lecturer at the University taught me that education is the process of acquiring knowledge, right attitudes and skills that lead to a permanent change in behaviour. But then, wait a minute, if education is about acquiring knowledge, skills and right attitudes, why then do we only focus on our children's intellectual ability and forget about their talents, abilities and skills. If one is a gifted artist and is scoring poor grades then we want to show them how useless they are.

I recently **differed** with my friend Babuu, who is a secondary school teacher in a school in Busia. He is a father of twins; two boys . One boy is very intelligent in class and scores good grades while the other is a slow learner who gets poor grades but has the best dancing styles a part from being a great comedian. This teacher is ever complaining about how the boy is letting the family down. In fact the boy is beaten every time he is seen dancing or cracking a joke. This makes me really sad. To me, that boy should be nurtured to attain his dream. He is a billionaire in the making. Ever heard of the late Papa Shirandula, Mwalimu King'ang'i aka Churchill? Aren't they eating a living through comedy?

18. Education deals with acquiring all the following **except**

A. skills   B. sleep   C. knowledge   D. attitudes

19. Many people in Kenya concentrate on only one aspect of education, which is

A. skills   B. attributes   C. knowledge   D. attitude

20. How many people have been mentioned in the passage that earn a living through comedy?

A. Four   B. Three   C. None   D. Two

21. The word **'differ'** has been used in the passage. It means

A. disagree   B. concur   C. agree   D. support

22. What is the occupation of Babuu, the father of the twins?

A. Comedian   B. Farmer   C. Trader   D. Teacher

23. The following statements are true according to the passage. Which one is **not**?

A. Babuu works in Busia county

B. Churchill is a great comedian

C. The twins do well in their academics

D. Education is acquiring skills, knowledge and right attitudes

24. Which of the following does **not** require skills?

A. Swimming   B. Sleeping   C. Passing Exams   D. Cooking

25. Acquiring knowledge, right attitudes and skills lead to a permanent change in

A. behaviour   B. life   C. thinking   D. reading

Choose the best alternative that completes the following sentences

26. They will not come early, _____?

A. will they   B. shall they   C. won't they   D. isn't it

27. We are ready for Grade seven, _____?

A. aren't we   B. isn't it   C. are we   D. didn't we

28. I am studying very hard, _____?

A. amn't I   B. are I   C. aren't I   D. isn't I

29. Josephine is _____ than Joseph.

A. strongest   B. strong   C. more strong   D. stronger

Complete the following similes correctly

30. As happy as a

    A. parrot   B. lark   C. luky   D. leader

31. As devoted as a

    A. dog   B. teacher   C. mother   D. deer

32. As impatient as a

    A. fox   B. bridegroom   C. king   D. thief

In the following questions fill the blank spaces with the correct option

33. I prefer boarding school _____ a day school.

    A. to   B. than   C. or   D. with

34. Divide the mangoes _____ the two of you.

    A. among   B. over   C. between   D. against

35. The swimmer dived _____ the swimming pool.

    A. at   B. on   C. in   D. into

36. _____ I came to school late, I was not punished

    A. As   B. Because   C. Although   D. But

Complete the following sentences correctly.

37. A cow is to mow as a goat is to

    A. bark   B. bleats   C. neighs   D. howls

38. The young one of a frog is called a

    A. frogling   B. froglet   C. tadpole   D. hatching

39. Gander is to goose as ram is to

    A. sheep   B. lamb   C. male   D. ewe

40. This is the woman _____ husband won the election

    A. who   B. whom   C. whose   D. which

Name:_____ Date:_____

SECTION A:

SCIENCE & TECHNOLOGY (25mks)

1. Lulu did an experiment on a certain property of solids. She used a metallic ball and a ring. Before heating the metallic ball it could go through the ring. After heating the ball, she tried to pass it through the ring but the ball could **not** go through. What conclusion did Lulu make?

   A. Metallic balls grow when heated

   B. Solids expands when heated

   C. Solids contracts when cooled

   D. Metallic balls contract when heated

2. Mama Kayai was washing clothes using water. How **best** would she conserve the water used in washing clothes?

   A. Pour the water away

   B. Watering crops in the farm

   C. Mopping and cleaning the house

   D. Watering animals in the farm

3. The diagram below shows how grade six conserved water during farming activity. How was the water conserved? By
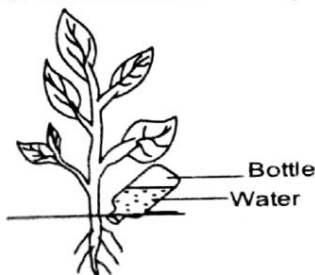
A. Preventing wastage of water

B. Preventing evaporation of water

C. Allowing free flow of water

D. Reducing water loss through overheating

The diagram below represents a male reproductive system. Use it to answer questions 4-6
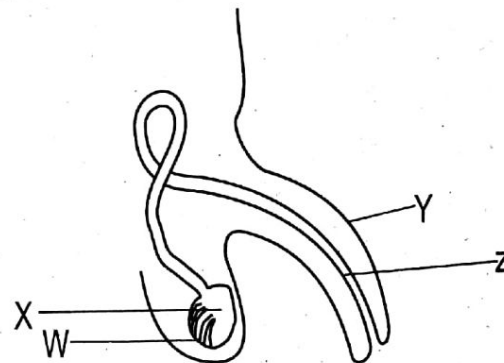
4. What is the function of the part labelled X?

   A. Transports urine

   B. Produces sperms

   C. Produces ovum

   D. Produces urine

5. Which of the labelled parts transfer sperms into the female reproductive system?

   A. Z   B. W

   C. X   D. Y

6. Sperms and urine pass out of the body through the part labelled

   A. W   B. X

   C. Z   D. Y

7. Below is a diagram of a certain component of blood. What is its function?
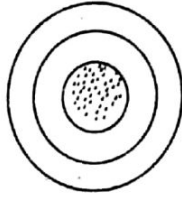
   A. Transport oxygen around the body

   B. Fight germs

   C. Transport food nutrients

   D. Helps in clotting of blood

8. Human body has blood vessels. Which one is the largest artery?

   A. Vena cava   B. Aorta

   C. Pulmonary artery   D. Pulmonary vein

9. Among the veins in the human body which one carries oxygenated blood?

   A. Pulmonary artery   B. Aorta

   C. Pulmonary vein   D. Vena cava

10. I have no wings. I have two body parts and four pairs of legs. I do not have antennae. Who am I?

    A. Ladybird   B. Locust

    C. Cricket   D. Tick

11. Below is a diagram of a certain type of root. Which of the crops below have the type of root system shown?


    A. Peas, groundnuts, beans

    B. Beans, maize, wheat

    C. Sorghum, maize, wheat

    D. Wheat, peas, maize

12. In the female reproductive system, where does the foetus grow?

    A. Oviduct   B. Cervix

    C. Uterus   D. Vagina

13. Below are some implications of changes that occur during adolescence

    i) Teenage pregnancies

    ii) Development of new identity

    iii) Drug and drug abuse

    iv) Passing and getting infected with STI's

    Which of the implications are health implications?

    A. i, iii, v   B. i, iii, iv

    C. i, iii, iiii   D. ii, iii, iv

14. Among the blood groups which one is referred to as universal recipient?

    A. Blood group A   B. Blood group O

    C. Blood group B   D. Blood group AB

15. Which body organ does it have valves?

    A. Heart   B. Lungs

    C. Liver   D. Kidney

16. Snails are similar to butterflies in that

    A. both have wings

    B. both have segmented bodies

    C. both have antennae

    D. both have legs

17. The type of roots found in mangrove plants are called

    A. prop roots   B. stilt roots

    C. breathing roots   D. fibrous roots

18. Grade six learners went for nature walk. They collected plant samples listed below. Which of the samples, collected was a herb?

    A. Wandering Jew   B. Acacia

    C. Cotton plant   D. Grass

    INTEGRATED SCIENCE GRADE. 6

19. The following are functions of the stem **except**

A. storage of food in some plants

B. support other parts of a plant

C. transport of food made in leaves to other parts

D. transpiration in plants

20. Plants manufacture their own food in the

A. stems   B. leaves

C. roots   D. flowers

TECHNOLOGY

21. Arnod was naming examples of digital devices. Which one did he **not** name?

A. Remote control   B. Piano

C. Electric bell   D. Tablet

22. Grace was typing a document. Which of the following parts of a word document was she using?

A. Quick Access toolbar

B. Typing area

C. Status bar

D. Ribbon

23. Atieno wanted to make text alignment of a word document. Which of the text icon below would she use to align the document both right and left?

A.

B.

C.

D.
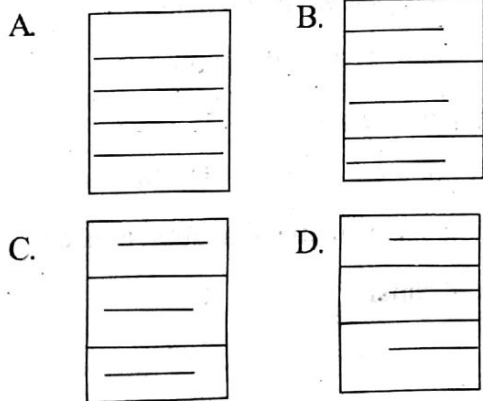
24. Boris wanted to identify parts of a spreadsheet using letters. Which part is identified using letters of the alphabet?

A. Rows   B. Title bar

C. Many bar   D. Columns

25. Nelly was practising creating a spreadsheet document and keying in information. What should she do to move to the next line within a cell?

A. Press the CTRL + ENTER keys

B. Press the ALT + ENTER keys

C. Press the Capslock + ENTER keys

D. Press the Shift + ENTER keys

SECTION B:

HOME SCIENCE (10mks)

26. Njeri a grade six learner wanted to buy a pair of scissor for Home science practical. She should have considered the following factors **except**

A. sharpness

B. good quality

C. uncomfortable handle

D. stainless

27. Grade six learners are using Bodkins during clothing and textile lesson. How should they care for the Bodkins?

A. Put in a sewing kit

B. Oiling the hinges

C. Keeping in a cupboard

D. Leave it on the table

28. Grade six learners wanted to bake some foods. They should choose from the following examples of food **except**

A. cake   B. bread

C. scorns   D. ugali

29. Mama Apundi was planning a meal for her family. She considered the following factors **except**
    A. variety in the diet
    B. time of the meal
    C. weight of the members
    D. dietary needs of the members

30. Caro was asked to explain why is it important to clean cooking equipment. What was her answer? To
    A. attract flies
    B. keep pest away
    C. to make it unpresentable
    D. waste time

31. During a visit to a nearby butchery, grade six leaners saw the butcher preserving the meat using salting method. How does salting preserve meat?
    A. Dehydrating the meat
    B. Keeping the meat cool
    C. Removing the germs
    D. Drying the meat

32. Karimi mentioned the following as sources of iron in the diet. Which one was **wrong**?
    A. Green leafy vegetables
    B. Blood
    C. Liver
    D. Milk

33. Grade six learners discussed healthy habits that prevent obesity. Which one is **not**?
    A. Eating fatty foods
    B. Regular exercises
    C. Avoid excess feeding
    D. Eating less fats

34. Tabby is fond of misusing cosmetics. She is likely to face the following dangers **except**
    A. skin bleaching
    B. beautiful and smooth skin
    C. eye irritation
    D. allergy

35. The following are reasons why the adolescents should maintain high standards of hygiene. Which one is **not**? To
    A. prevent bad smell
    B. look presentable
    C. prevent lice
    D. be unpresentable

## SECTION C:
AGRICULTURE (10mks)

36. Why should you be very careful when handling dogs and cats? They
    A. can bite you
    B. can kill you
    C. can spread diseases
    D. can swallow you

37. Below are uses of a small domestic animal
    i) *kept as pet*
    ii) *provide manure*
    iii) *provide meat*
    iv) *can be use in research laboratories to do experiments on disease*
    The animal described above is
    A. guinea pigs   B. dogs
    C. horses   D. chicken

38. What is the name of a rabbit house?
    A. Kennel   B. Hutch
    C. Cage   D. Den

39. A grade four learner was asked to name two parts of pumpkins that are edible. Which ones did the learner mention?

A. Roots, leaves B. Stems, fruits

C. Fruits, leaves D. Seeds, leaves

40. What is the importance of planting creeping crops apart from food production?

A. Fencing the farm

B. Windbreakers in the farm

C. Deterrents to keep away wild animals

D. Cover crops to prevent soil erosion

41. The following are ways of managing and caring for creeping crops. Which one is **not**?

A. Weeding B. Grafting

C. Watering D. Training

42. Akoth was selecting materials for planting creeping crops. The following are qualities she should observe **except**

A. mature seeds

B. rotten seeds

C. undamaged seeds

D. seeds of the right size

43. How does wire mesh fence and thick bush important in conserving wild animals?

A. Restrain their movements into the farm

B. Trap the animals

C. Kill the animals

D. Used as food by the wild animals

44. The following are innovative deterrents that can be used to control wild animals in the farm. Which one is **not**?

A. Deflecting light B. Blinking lights

C. Loud noise D. Flashing lights

45. Njeru observed sheet erosion taking place in his farms. He could use the following methods of controlling the erosion **except**

A. planting trees

B. planting cover crops

C. mulching

D. building gabions

SECTION D:
PHYSICAL & HEALTH EDUCATION (15mks)

46. Below is a drawing of a frisbee field of play. The part labelled P is referred to as
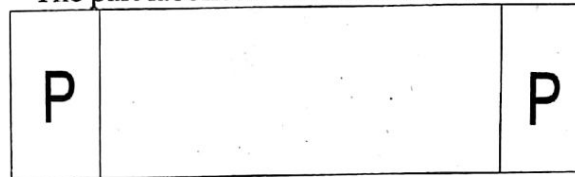
A. playing area B. end zones

C. substitute area D. goal area

47. The following are safety precautions to be observed when you go swimming. Which one is **false**?

A. Wear the right attire

B. Use floaters

C. Swim on shallow ends

D. Dive on shallow ends

48. Kobe is defending in the game of Kabaddi. He can use any of the following skills **except**

A. quick run B. ankle catch

C. wrist catch D. ankle hold

49. What is the purpose of figure 8 pitching technique in softball?

A. Fielding with arm movement making 'figure 8' after the release

B. Pitching with arm movement making 'figure 8' before the release

C. Pitching with arm movement making 'figure 8' after the release

D. Fielding with arm movement making 'figure 8' before the release

50. A softball player was seen sliding during softball game. The following are reasons for sliding **except**

A. get to the base quickly to avoid tag

B. to get tagged

C. to make diversion

D. prevent injury

51. During netball game, which of the following pair of players are allowed in the D-area during play?

A. Goal shooter, Wing Defense

B. Goalkeeper, Wing Attack

C. Goal Attack, Goal Defense

D. Wing Attack, Center

52. After a netball player has caught the ball the player is **not** allowed to

A. take more than one step

B. throw the ball to teammate

C. pivot on the spot

D. pass the ball to teammate

53. How many players make a netball team?

A. 11   B. 6

C. 8   D. 7

54. A player is tackling in handball. What does tackling involve?

A. Contacting the opponent using your arms and chest to stop an attacker from advancing

B. Dribbling past opponent

C. Dodging the opponent

D. Passing the ball to a teammaet to score

55. Below is a player taking a service.

What type of service is he taking?

A. Underarm service   B. Overarm service

C. Volley service   D. Dig service

56. Rogo was playing football. The following parts of the body could be used by Rogo to trap the ball **except**

A. chest   B. sole

C. hands   D. thigh

57. The following are partner activities in rope work. Which one is **not**?

A. Head- to - head   B. Back - to- back

C. Face - to - face   D. Side - by- side

58. What is the appropriate weight of a short put impliment for grade six learners?

A. 1kg   B. 1.5kg

C. 2kg   D. 3kg

59. Grade six learners were practising finishing in race. Which method of finish below would they use?

A. Bullet start   B. Bunch start

C. Shoulder shrug   D. Elongated start

60. The following equipments are needed in playing High jump. Which one is **not**?

A. Cross bars   B. Take off board

C. Tape measure   D. Two upright posts

KISWAHILI:
LUGHA
GREDI YA SITA - 2022

(005)

Jina: _____ Tarehe: _____ **MUDA: SAA 1 DAKIKA 20**

1. *Soma hadithi ifuatayo kisha ujibu maswali 1-5*

Maria na Dayana ni marafiki wa dhati. Siku moja waliamka alfajiri na mapema. Walitaka kwenda sokoni. Kila mmoja alikuwa na shilingi mia mbili.

Njiani walikutana na watoto wenzao. Walianza kucheza. Mchezo wao ulikuwa wa kibe. Walijificha na kutafutana. Muda nao ulienda kasi sana. Alasiri ilipofika, walielekea sokoni kununua matunda. Soko lilijaa watu. Matunda aina tofauti yalionekana kuwa matamu. Yalikuwa yameiva lembelembe. **Walipiga gumzo** huku wakizurura sokoni.

Walichukua mikoba yao na kuchukua matunda matatu. Kila mmoja. Lo! Maria hakuwa na chochote mfukoni. Alikuwa amepoteza pesa zake zote. La kushangaza zaidi ni kuwa mwenzake pia hakuwa na chochote.

1. Maria na Dayana walikuwa na pesa ngapi?
    A. Mia moja   B. Mia mbili   C. Mia nane   D. Mia nne
2. Mchezo wa kibe ni upi?
    A.Wa watu wazima   B. Uchezwao na watoto
    C.Wa kuficha pesa   D. Wa kutafuta
3. Kabla ya alasiri huwa
    A. asubuhi   B. alfajiri   C. adhuhuri   D. machweo
4. Ni nini maana ya msemo: **Walipiga gumzo**?
    A. Kuzungumza kwa furaha   B. Kutembea kwa miguu
    C. Kufurahia mambo mengi   D. Kujadiliana kwa jambo
5. Kulingana na kifungu hiki ni kweli kusema kuwa
    A. Maria na Dayana walinunua matunda
    B. Maria na Dayana walikuwa na mkoba mmoja
    C. Maria na Dayana hawakununua matunda
    D. Dayana na Maria walipoteza mikoba

2. *Soma hadithi ifuatayo kisha ujibu maswali 6-9*

Hapo kale, mamba na tumbili walikuwa wasema wakuu. Walipendana kama chanda na pete. Walienziana na kutunzana.

Tumbili alipenda kuchezea karibu na mto. Karibu na mto palikuwa na mti wa mgunga ambao ulikuwa mrefu. Ulikuwa na matawi. Tumbili alifurahia mandhari yao.

Mamba naye aliburudika akiwa majini. Alipenda pia kukaa karibu na mgunga. Aliota jua karibu na mti ule.

Siku moja, mamba alihisi jaa sana. Alikuwa amekosa mlo kwa siku nyingi. Hakujua la kufanya.

Alionelea amfanyie mwenzake **hila**. Alimngoja kwa hamu na ghamu. "Tumbili, leo nataka kukutembeza mtoni. Utakalia mgongo wangu tuogelee pamoja." Mamba alimwambia bila kujikuna kichwa, Tumbili aliitikia.

Waling'oa nanga na kuelekea mtoni. Walipofika katikati, mamba alitaka wazame majini. "leo nitakula moyo wako." Mamba alisema. "Hahaha! rafiki yangu haina shida. Moyo nitakupa sasa hivi. Nirudishe pale mtini niuchukue moyo wangu" Tumbili alisema.

Walipofika mtini Tumbili aliruka na kwenda mtini. Aliupanda upesi huku akihema.

6. Tumbili hufanana na mnyama gani?

   A. Nyani   B. Mamba   C. Chui   D. Simba

7. Ni kweli kusema kuwa

   A. Mamba hula tumbili   B. Tumbili hula mamba

   C. Tumbili ni mjanja   D. Mamba hampendi tumbili

8. Neno lenye maana sawa na **hila** ni

   A. chezea   B. danganya   C. bembeleza   D. uhalifu

9. Chagua kauli iliyo sahihi kulingana na kifungu hiki

   A. Tumbili huacha moyo mtini   B. Mamba hupenda kukwea miti

   C. Tumbili aliliwa na mamba   D. Tumbili alinusurika kifo

10. Unafikiri ni kwa nini tumbili alihema

   A. kuupanda mti kwa kasi   B. kukimbizwa na mamba

   C. kuchoka kwa kuogelea   D. kuogopa kupatiana moyo

3. *Soma mdahalo ufuatao kisha ujibu maswali 11-13*

Rosa: Shikamoo Mariamu.

Mariamu: Marahaba. U hali gani?

Rosa :   Njema. Nashukuru. Habari za utokako?

Mariamu: Nzuri. Nimechoka sana. Nimekuwa shambani kutwa nzima niking'oa magugu.

Rosa: Pole kwa uchovu. Mwakani utalia kivulini.

Mariamu: Umegonga ndipo. Uzohali ni nyumba ya njaa. Bidii zangu zitanifaidi sana.

Rosa: Hakika.Mimi nilimaliza kazi zote za shambani jana. Leo nikaamua kumtembelea

            bibi.Si unajua amekula chumvi nyingi.

Mariamu: Naam, pia kazi hiyo ni nzuri.

Rosa: Nimemsaidia kupiga deki na kuosha nguo zake. Amefurahi sana.

Miriamu: Umefanya vyema. Heko

Rosa: Tutaonana kesho kikaoni

Mariamu: Inshallah. Asante Rosa

11. Kati ya Mariamu na Rosa, ni nani mzee?

   A. Rosa   B. Hakuna   C. Mariamu   D. Wote

12. Ni nani alisaidiwa kulingana na mazungumzo haya?

   A. Nyanya   B. Mke   C. Shaibu   D. Ajuza

13. Kulingana na mazungumzo haya si kweli kusema kuwa

   A. Mariamu alimsaidia bibi   B. Rosa alipenda kazi tofauti

   C. Mariamu na Rosa ni wakulima   D. Mariamu aling'oa kwekwe shambani

14. Chagua neno linaloonyesha cheo cha mtu

    A. Mzee   B. Bibi   C. Mtawa   D. Profesa

15. Fumbua fumbo hili

    Yai moja huiva kwa dakika kumi. Je, mayai matatu yataiva kwa dakika ngapi?

    A. Thelathini   B. Kumi   C. Ishirini   D. Tano

16. Kamilisha methali : **Aliyepeleka mkono**

    A. haogopi miiba   B. huambulia patupu   C. kutamalaki si kazi   D. hadiriki kula tamu

17. Kamilisha tashbihi hii;

    Yeye ni mweusi kama

    A. makaa   B. giza   C. udongo   D. usiku

4. *Soma kifungu kifuatacho kisha ujibu maswali 18-20*

Mbwa yule alimfuata msasi kwa kasi ya duma. Swara naye aliongeza kasi maradufu.Mbwa aliona shibe. Akawa mbioni. Alimpita msasi na kutokomea vichakani.Msasi naye alimfuata nyuma akiwa na mishale na uta wake. Ziaka yake ilikuwa mgongoni.

Ghafla swara alitokea barabarani. Alikutana na lori lililoenda kasi. Lo! Hakuweza kupita barabarani. Mbwa alimkuta akiwa hoi. Alimwuma shingoni huku akihema.

Msasi naye alifika akiwa na tabasamu usoni. Alimvuta hadi vichaka vilivyokuwa karibu. Alimchinja na kuelekea nyumbani.

18. Kulingana na aya ya kwanza, ni kweli kusema kuwa

    A. Swara ana kasi kuliko mbwa   B. Mbwa ana kasi kuliko swara

    C. Msasi ana kasi kuliko swara   D. Swara ana kasi kuliko lori

19. Swara alikuwa hoi kwa kuwa

    A. aliumwa na mbwa   B. alidungwa kwa mkuki

    C. aligongwa na lori   D. alikuwa amechoka

20. Ziaka ni nini?

    A. Mkoba wa mkuki   B. Mfuko wa mishale

    C. Kifaa cha kuwinda   D. Uta wa mishale

Kutoka swali 21-25, chagua jibu bora zaidi kujaza mapengo.

Karai ___21___ hununuliwa dukakuu na dobi. Huwekwa maji ___22___ ya ___23___ nguo chafu. Dobi hutumia sabuni ___24___katika duka la rejareja. Baada ya nguo kuwa safi, huanikwa na baadaye kupigwa ___25___

21. A. lile   B. ile   C. yale   D. kile

22. A. mingi   B. chache   C. mengi   D. ndogo

23. A. kuvulia   B. kuvua   C. kufua   D. kufulia

24. A. kinachonunuliwa   B. inunuliwayo   C. yanayonunuliwa   D. inayonunua

25. A. jeki   B. bao   C. kitutu   D. pasi

Jaza pengo kwa kivumishi kimilikishi

26. Gari _____ lilienda mjini
    A. zuri   B. langu   C. moja   D. lile

27. Neno lililopigiwa mstari ni
    Tulienda **shuleni** kusoma vitabu vya hadithi
    A. Nomino   B. Kivumishi   C. Kiwakilishi   D. Kielezi

28. Ni nini wingi wa
    Mtoto wake ni mfupi
    A. Watoto wake ni wafupi   B. Watoto wetu ni wafupi
    C. Watoto wao ni wafupi   D. Watoto wenu ni wafupi

29. Ni nini ukubwa na wingi wa sentensi hii?
    Mti ule ni mrefu
    A. Majiti yale ni marefu   B. Majijiti yale ni marefu
    C. Jiti lile ni refu   D. Vijiti vile ni virefu

30. Chagua neno lililo katika ngeli ya **LI- YA**
    A. Maji   B. Dirisha   C. Maziwa   D. Kiatu

31. Ni sentensi gani sahihi kisarufi?
    A. Mbwa zile hubweka usiku   B. Dawati zile zina wanafunzi
    C. Shule zile zina mavumbi   D. Masoko yale yana bidhaa

32. Chagua sentensi inayoonyesha **hali timilifu**
    A. Mjomba huenda kutembea   B. Mjomba hajaenda kutembea
    C. Mjomba alienda kutembea   D. Mjomba angeenda kutembea

33. Kamilisha sentensi kwa neno linalofaa
    _____ **la kuni hubebwa kwa baiskeli.**
    A. Kitita   B. Topa   C. Tita   D. Fungu

34. Neno **ufahamu** lina irabu ngapi?
    A. Nne   B. Tatu   C. Mbili   D. Saba

35. Chagua nomino ya pekee kati ya nomino ulizopewa
    A. Zulia   B. Shule   C. Mtu   D. Rabuka

36. Chagua kinyume cha **fahali**
    A. ng'ombe   B. mbarika   C. mbuzi   D. jibe

37. Chagua jibu lenye maneno ya ngeli ya **U-I**
    A. Mswaki, mwanadamu   B. Miwani, mikoba
    C. Mimea, mkono   D. Wembe, kalamu

38. Kamilisha sentensi : **Sisi** _____ **tulimwona pweza**
    A. sote   B. zote   C. wote   D. nyote

39. Jaza pengo kwa **kiulizi** mwafaka
    Kucheza _____ **kunafurahisha?**
    A. kugani   B. lini   C. Ngapi   D. gani

40. Vazi ambalo huvaliwa juu ya nguo hasa waislamu huitwaje?
    A. Buibui   B. Kabuti   C. Kofia   D. Bulibuli

SCHOOL BASED ASSESSMENT

MATHEMATICS
GRADE 6- 2022

(005)

Name:_____Date:_____

TIME: 1HR 30MINS

1. A milk processing factory sold 3705421 litres of milk in a year. What is the total value of digit 5 in the number?

A. 50000   B. 5000

C. 500000   D. 5000000

2. Mary a grade six learner used the digits 4, 2, 5, 7, 1, 8 and 9 to form a 7 digit number. What is the smallest possible 7 digit number formed?

A. 1245789   B. 9875421

C. 1427589   D. 1247589

3. What is two million twenty two thousand two hundred and twenty written in symbols?

A. 2202220   B. 2022220

C. 202222   D. 2022020

4. What is the smallest number that is divisible by 6,12 and 18 without a remainder?

A. 36   B. 48

C. 24   D. 60

5. Work out:
$$\frac{3}{4}+\frac{1}{8}+\frac{3}{5}$$

A. $\frac{7}{17}$ B. $1\frac{29}{40}$

C. $1\frac{9}{40}$ D. $1\frac{19}{40}$

6. Karim drank 72% of water in a glass. What was the amount of water did he drink in decimals?

A. 7.2   B. 0.72

C. 0.072   D. 0.0072

7. Rebecca used 6.387kg of maize flour to cook for her guests. If the guests ate 4.73kg. How many kilograms of maize flour remained?

A. 11.117   B. 2.657

C. 1.657   D. 1.757

8. The distance between Caro's home and school is 9.6488km. What is the distance rounded off to the nearest thousandth?

A. 9.647   B. 61.47

C. 9.65   D. 9.648

9. I spent $\frac{2}{5}$ of the day reading. What percentage of the day did I use reading?

A. 40%   B. 20%

C. 50%   D. 25%

10. What is the reciprocal of $3\frac{2}{5}$?

A. $\frac{17}{5}$ B. $\frac{5}{2}$

C. $\frac{15}{5}$ D. $\frac{5}{17}$

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MATHS GRADE. 6

CamScanner

11. Work out the combined operations below

144 ÷ 24 x 5 + 10 -25 =

A. 65   B. 15

C. 25   D. 5

12. Sare primary school had 1695 textbooks in the library and was shared equally among 168 pupils. Estimate the number of books received by each pupil by rounding off the numbers to the nearest ten.

A. 17   B. 20

C. 10   D. 1

13. Starting with 50, create five number patterns by multiplying by 4

50, ____, ____, ____, ____

A. 200, 800, 3200, 12800

B. 54, 58, 62, 66

C. 100, 200, 400, 800, 1600

D. 50, 100, 200, 400

14. The cost of a pair of long trousers in a boutique shop is Ksh.1250. What is the total cost of 23 such trousers?

A. Sh.26750   B. Sh.27650

C. Sh.28650   D. Sh.28750

15. The field of a school is a square in shape. If the area of the field is 8100m², what is the length of the field?

A. 90m   B. 80m

C. 70m   D. 30m

16. The monthly expenditure per month in five months in a certain county were as follows: 235300, 184900, 327100, 122420 and 299890. Arrange the numbers in descending order?

A. 122420, 184900, 235300, 299890, 327100

B. 327100, 299890, 235300, 184900, 122420

C. 327290, 299890,184900, 234300, 122420

D. 122420, 327290, 299890, 235300, 184900

17. What is 875340 rounded off to the nearest thousands?

A. 875000   B. 87500

C. 870000   D. 880000

18. Tobit subtracted a third from three fifth. What answer did he get?

A. $\dfrac{11}{15}$ B. $\dfrac{4}{15}$

C. $\dfrac{3}{15}$ D. $\dfrac{5}{15}$

19. What is the area of a square whose side is $\dfrac{3}{5}$?

A. $\dfrac{9}{10}$ m²   B. $\dfrac{6}{25}$ m²

C. $\dfrac{6}{10}$ m²   D. $\dfrac{9}{25}$ m²

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MATHS GRADE

20. The lengths of two ropes are 32.73m and 15.412m respectively. What is the total length of the two ropes ?

A. 48.142

B. 47.142

C. 48.14

D. 48.242

21. A classroom door is 169cm 5mm. What is the height in millimetres?

A. 16.95mm

B. 1.695mm

C. 169.5mm

D. 1695mm

22. A measuring tape measuring 428cm 4mm was cut into 28 equal pieces. What was the length of one piece?

A. 15cm 3mm

B. 15cm 4mm

C. 15cm 8mm

D. 15cm 5mm

23. What is the circumference of a circle whose radius is 28cm?

A. 88cm

B. 44cm

C. 176cm

D. 132cm

24. The figure below represents Mugo's vegetable garden
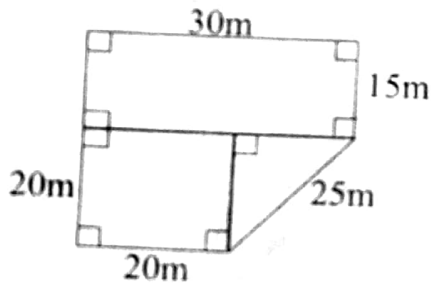
What is the perimeter of the garden?

A. 110cm

B. 125cm

C. 145cm

D. 175cm

25. A farmer used 286 litres of water in a week to water his animals. What was the capacity of water used in millilitres?

A. 286000ml

B. 2860ml

C. 28.6ml

D. 28600ml

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26. The volume of a water jerrycan is 20000litres. What is the capacity of the jerrycan in cubic metres?

A. 2m³

B. 200m³

C. 2000m³

D. 20m³

27. A cow drank 725cm³ of water. What is the amount of water the cow drank in millilitres?

A. 72.5ml

B. 725ml

C. 7250ml

D. 72500ml

28. A tin of paint has a mass of 15kg 200g. What will be the mass of 9 such tins?

A. 136kg 800g

B. 135kg 800g

C. 136kg 200g

D. 136kg 600g

29. What is the volume of a cube whose length of each side measures 14cm?

A. 2734cm³

B. 2724cm³

C. 2744cm³

D. 2754cm³

30. The area of a rectangular figure is 256cm². If the width of the figure is 8cm, what is the length of the figure?

A. 22cm

B. 30cm

C. 32cm

D. 31cm

31. Peter took 7minutes 20seconds to bathe. How many seconds did he take to bathe?

A. 340seconds

B. 450seconds

C. 420seconds

D. 440seconds

32. Work out the following

Minutes	Seconds
9	15
- 4	30

A. 4min 15sec

B. 4min 45sec

C. 5min 15sec

D. 5min 45sec

3

MATHS GRADE

Mr. Kipkirui earns a monthly salary of Ksh.25000. The table below shows his expenses for a particular month. Use it to answer question 33-35.

Item	Amount in Sh
Monthly shopping	2500
Electricity	800
Cooking gas	1000
Medical bills	3000
School fees	5500
Rent	3000

33. What is Kipkirui's total expenses for the month?

   A. 15800   B. 14800

   C. 16800   D. 12800

34. Is this a good or bad budget? Give reasons

   A. Yes - It has savings

   B. No- It has rent

   C. Yes- It has medical bills

   D. No - It has cooking gas

35. How much did he save?
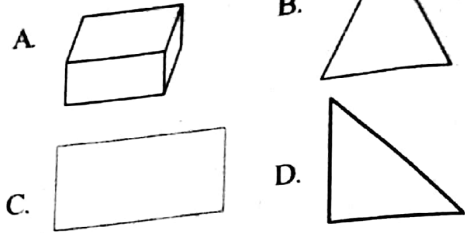
   A. 8200   B. 900

   C. 9100   D. 9200

36. Leah bought books worth 8200. She paid Sh. 8700. How much tax did he pay?

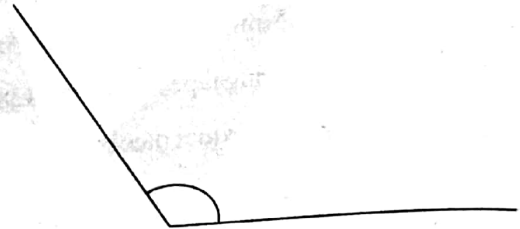   A. Sh.16900   B. Sh.500

   C. Sh.900   D. Sh.1500

37. A bag had a mass of y kg. Aroko removed 5kg from the bag. If 13 bags remained, what is the value of y?

   A. 8   B. 6

   C. 18   D. 16

38. Which of the following shapes is a 3-D shape?

39. Use a protractor to measure the angle below

   A. 55⁰   B. 45⁰

   C. 135⁰   D. 125⁰

40. What is the next pattern in