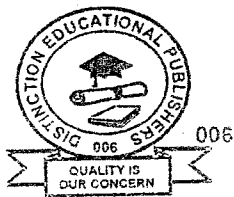


DISTINCTION SCHOOL BASED ASSESSMENT TEST

STANDARD EIGHT - 2021

KCPE PREDICTION MARKING SCHEME



MATHS	ENGLISH	KISWAHILI	SCIENCE	S/STUDIES/R.E
1. D 26. A	1. B 26. D	1. B 26. B	1. B 26. B	1. C 31. B 61. A
2. C 27. C	2. C 27. D	2. A 27. B	2. A 27. C	2. B 32. D 62. C
3. A 28. C	3. D 28. C	3. A 28. D	3. D 28. A	3. A 33. A 63. C
4. B 29. C	4. A 29. C	4. A 29. A	4. C 29. D	4. C 34. B 64. A
5. C 30. D	5. B 30. A	5. C 30. C	5. C 30. B	5. D 35. A 65. B
6. A 31. D	6. C 31. B	6. B 31. C	6. C 31. D	6. D 36. C 66. B
7. B 32. C	7. D 32. D	7. B 32. A	7. D 32. C	7. A 37. B 67. A
8. D 33. B	8. B 33. A	8. D 33. A	8. C 33. C	8. B 38. A 68. B
9. A 34. C	9. B 34. C	9. A 34. D	9. D 34. B	9. D 39. C 69. D
10. A 35. C	10. D 35. B	10. D 35. C	10. B 35. A	10. B 40. A 70. A
11. C 36. A	11. C 36. D	11. C 36. A	11. D 36. D	11. A 41. B 71. C
12. D 37. C	12. D 37. B	12. B 37. C	12. B 37. D	12. C 42. D 72. D
13. B 38. B	13. A 38. D	13. B 38. B	13. B 38. A	13. D 43. D 73. B
14. D 39. A	14. A 39. B	14. C 39. A	14. B 39. C	14. A 44. A 74. A
15. A 40. D	15. B 40. C	15. D 40. D	15. C 40. B	15. C 45. A 75. C
16. A 41. C	16. B 41. D	16. B 41. D	16. A 41. B	16. A 46. C 76. C
17. B 42. D	17. A 42. C	17. C 42. B	17. D 42. A	17. D 47. C 77. D
18. B 43. B	18. D 43. B	18. A 43. C	18. B 43. D	18. A 48. C 78. B
19. D 44. A	19. D 44. C	19. D 44. C	19. D 44. C	19. A 49. C 79. B
20. B 45. B	20. C 45. C	20. C 45. A	20. A 45. B	20. D 50. A 80. D
21. D 46. D	21. B 46. A	21. B 46. D	21. C 46. C	21. B 51. D 81. B
22. A 47. C	22. A 47. B	22. A 47. B	22. C 47. A	22. C 52. D 82. A
23. C 48. D	23. A 48. C	23. C 48. A	23. D 48. B	23. A 53. A 83. D
24. C 49. B	24. B 49. C	24. B 49. C	24. B 49. D	24. C 54. D 84. C
25. B 50. D	25. A 50. C	25. A 50. B	25. D 50. C	25. C 55. C 85. D
				26. C 56. C 86. C
				27. C 57. D 87. C
				28. C 58. A 88. C
				29. A 59. A 89. B
				30. C 60. D 90. B

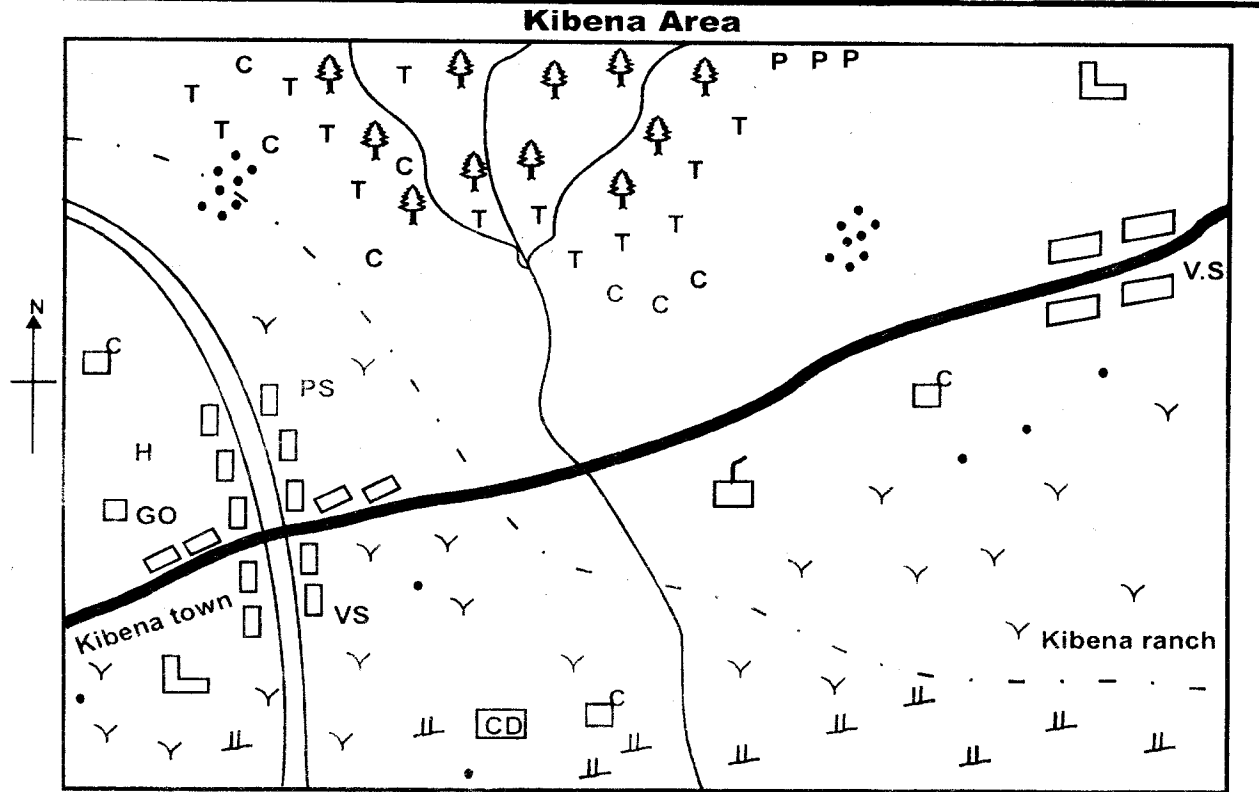
N.B: Please, teachers are requested to scrutinize this marking scheme before use. It is worth

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DISTINCTION SCHOOL BASED ASSESSMENT TEST
STANDARD EIGHT - 2021
KCPE PREDICTION
SOCIAL STUDIES & C.R.E



8
PREMIER
Time: 2hrs 15mins



Scale 0 1 2 3 4 5 6 7 8 9 10 Km

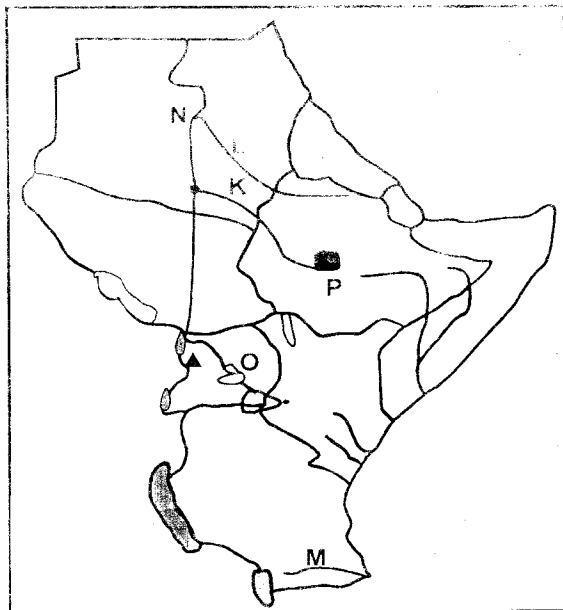
	Protected forest		Mosque		Permanent Buildings		Sub county boundary
	Grass		Settlement		Pyrethrum		G.O Governor's office
	Tarmac road		Cattle dip		Murrum road		Scrubs
	Factory		Coffee		Police station		Veterinary service
	School		Tea		Hospital		River and bridge

Study the map of Kibena area and answer questions 1 to 7.

- The land in Kibena Area rises towards the
 - North East
 - South East
 - North
 - South West
- What is the approximate length of the Murrum road from the junction to the North West end of the map?
 - 9.5km
 - 5.5km
 - 7km
 - 3km
- The climate of the Southern part of the map can be described as
 - hot and dry
 - cool and wet
 - cool and dry
 - hot and moist
- The factory that has been established in Kibena Area is an example of a given type of industry. Which one is it?
 - Manufacturing industry
 - Assembly industry
 - Processing industry
 - Service industry
- The establishment of the cattle ranch is the south eastern part of the map has been greatly influenced by
 - presence of a river
 - nearness to Kibena town
 - veterinary services
 - space
- Which one of the following statements is **true** about Kibena town?
 - Most people in Kibena area are Christians
 - Kibena area is likely to be a sub county
 - River Kibena is used for irrigation
 - Settlement in Kibena area has been influenced by the climate

7. Which one of the following would be appropriate reason why the forest in Kibena area is protected?
- To protect the source of water
 - To protect indigenous varieties of trees
 - To provide timber for export
 - To protect a source of herbal medicine
8. Who among the following belong to the same clan in traditional African societies?
- Kamau, his mother, his father
 - Kamau, his father, his son
 - Kamau, his grandfather, his mother
 - Kamau his wife, his daughter
9. Which of the groups of communities in Eastern Africa consist of highland nilotes in Kenya only?
- Luo, Sebei, Datoga
 - Kipsigis, Maasai, Tugen
 - Turkana, Samburu, Njemps
 - Sabaot, Nandi, Marakwet
10. The following is a description of an early man
- Developed speech
 - Lived in the woods
 - Developed a thumb bone
 - Made better tools than the predecessors
- The hominid described above is
- Homo Sapien
 - Homo Habilis
 - Kenyapithecus
 - Homo Erectus
11. Countries in North Africa experience the cold season in the months of
- December to February
 - June to August
 - September to November
 - March to May
12. The **main** cause of conflict among pupils in a school is likely to be
- poor performance
 - unfair distribution of learning materials
 - competition for scarce resources
 - tribal differences among them
13. Which one of the following statement is **not true** about the fold mountains in Africa?
- They are formed at the edge of the continent
 - They are formed when flexible sedimentary rocks bend
 - Compressional forces makes the young rocks to bend
 - They are formed from other mountains
14. Three of the following statements are true about the maize growing in Kenya and Tanzania. Which one is **not**?
- Its mainly grown in large scale
 - It is the staple food in the two states
 - Most farmers are small scale farmers
 - Most of the produce is consumed locally
15. The following are roles of a school administration
- In charge of day to day learning in a school
 - Delegates duties to other members of the school
 - In charge of disciplines in the school
 - Check class attendance by teachers
 - Keeps the school records
- Which shows the roles of the headteacher only.
- i, ii, iii
 - ii, iii, iv
 - i, ii, v
 - iii, iv, v
16. Which one of the following factors lead to the fall of the Buganda kingdom?
- The process of colonisation
 - Attacks by Muslim traders
 - The rise of Bunyora Kotora kingdom
 - The death of Kabaka Mutesa 1
17. Who among the following early visitors to Eastern Africa was mainly an explorer?
- Dr David Livingstone
 - William Mackinon
 - Karl Peters
 - H. Molton Stanley
18. Which of the following category of fish are only found in inland water sources?
- Tilapia, Trout, Black Bass
 - Mackerels, Mulletts, Salmons
 - Ponidos, kingfisher, Barracuda
 - Dagaa, Trout, Prowns
19. The following is a description of a country in Africa?
- The country is landlocked
 - It is the source of the longest river in Africa
 - About 20% of this country is covered by fresh water sources
- The country described above is **likely** to be
- Uganda
 - Tanzania
 - Malawi
 - Somalia
20. The following are measures taken by the government to solve the urban crisis in Kenya. Which one of this is meant to decongest traffic in Nairobi?
- Privatization of garbage collection
 - Building low cost houses in the outskirts of the towns
 - Constructing separate footpaths for the pedestrians
 - Establishing super highway and bypasses
21. Which of the following factors **doesn't** undermine the National Unity in a country?
- Use of vernacular radio stations
 - Use of national languages
 - Applications of selective justice
 - Struggle for leadership posts
22. Three of the following factors would make an individual lose the Kenyan citizenship. Which one would **not**?
- Using forged documents
 - Trading with the Kenya economy
 - If discovered to have married a Kenyan
 - If a person found dealing with hard drugs

Use the map of Eastern Africa provided below to answer questions 23-26

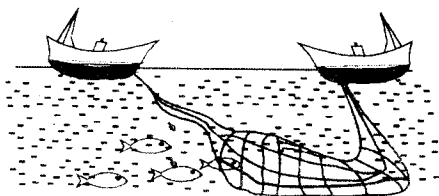


23. The language group that migrated from marked **N** is
 A. Nilotes
 B. Bantus
 C. Semites
 D. Cushites
24. The river marked **M** is likely to be
 A. River Pangani
 B. River Rufiji
 C. River Ruvuma
 D. River Wami
25. The physical feature marked **O** is
 A. Lake Victoria
 B. River Nile
 C. Lake Kyoga
 D. Ras Dashan
26. What is the **main** contribution of the cash crop grown in country marked **P** to the economy?
 A. Creation of job opportunities
 B. Improvement of standards of living
 C. Earns foreign exchange
 D. Farmers earn income
27. Which of the following best explains why Samouri Toure of the Mandika empire resisted the French for a long time?
 A. Administering oaths
 B. Had a strong standing army
 C. Used the scotch earth policy
 D. Had superior weapons
28. The population of Kenya, India and Germany are similar in that
 A. most people are young
 B. most people live in towns
 C. population distribution is uneven
 D. dependency ratio is high
29. Below are conditions that favour the growth of a certain crop
 i) *Well drained fertile, flat land*
 ii) *Warm and wet condition*
 iii) *Rainfall range from 650mm - 1200mm*
 iv) *Cool humid conditions during harvesting*
 The crop described with the growing conditions above is
 A. cotton
 B. wheat
 C. sugarcane
 D. cocoa

30. Which of the following statements is a similarity between civil marriages and Christian marriages in Kenya?
 A. They are presided over by religious leaders
 B. Banns are issued and placed in public notice boards
 C. Certificate is issued in both
 D. Magistrate preside over both
31. Two class five boys were fighting over the ownership of a book. The **best** action to take against them would be
 A. beat them
 B. encourage them to talk about it
 C. ask them to go home
 D. report them to the teacher
32. Which of the following features of the national coat of arms is **wrongly** matched with what they symbolize?
 A. Cockerel - symbol of the political party that led the country to independence
 B. Lions - our national heritage
 C. Spears - our readiness to defend our republic
 D. Agricultural crops - our main source of revenue
33. Which one of the following towns is not a major cocoa growing area in Ghana?
 A. Asamanseke
 B. Accra
 C. Sekondi
 D. Kumasi
34. Which of the following countries of Africa is not correctly matched with its capital city?
 A. Nigeria - Abuja
 B. Cote d'Ivoire - Abidjan
 C. Guinea - Conakry
 D. Gambia - Banjul
35. In the recent years the government has been improving the states roads across the country. What would be the **main** implication of this?
 A. Increased trading activities
 B. Faster movement of goods
 C. Reducing the number of road accidents
 D. Fostering the development of industries
36. Which one of the following practices is an abuse of human rights?
 A. Punishing law breakers by courts
 B. Arresting lawbreakers
 C. Detaining suspects without trials
 D. Forcing children to go to school
37. Which combination of minerals that are mined in Kenya is used to make paints?
 A. Soda ash, limestone
 B. Limestone, Diatomite
 C. Flourspar, Diatomite
 D. Soda ash, Diatomite
38. The following are solutions to the problems facing tourism in Kenya. Which of these will increase the number of tourists visiting Kenya today?
 A. Providing and improving security
 B. Advertising the tourists destination
 C. Establishing new tourist destinations
 D. Improving the states of the roads in Kenya

39. Which one of the following combination of weather instruments are kept in a Stevenson's screen?
 A. Raingauge and windvane
 B. Barometer and hygrometer
 C. Hygrometers and thermometers
 D. Thermometers and anemometer
40. The following are forms of communication
 i) radio ii) television
 iii) newspaper iv) brochures
 v) pagers vi) computers
 vii) films
 Which combination consists of only mass media?
 A. i, ii, iii, vii B. i, iii, iv, v
 C. iii, iv, vi, vii D. ii, iv, v, vii
41. The following are industries found in Eastern Africa. Which group contains non-food processing industries only?
 A. Cotton ginning, fruit canning, tobacco curing
 B. Sisal processing, leather tannin, pyrethrum processing
 C. Vegetable canning, sugar milling, tea processing
 D. Oil refining, posho milling, cotton ginning
42. Which of the following European nations regarded their colonies in Africa as overseas provinces?
 A. British and Spanish
 B. Italians and Belgium
 C. Germans and French
 D. French and Portuguese
43. The following are objectives of African Union when it was formed in the year 2002. Which one is **not**?
 A. Promotes African Unity
 B. Protect sovereignty of African States
 C. Solve disputes among member states
 D. Help African states gain independence
44. Three of the following are importances of the philosophy of African Socialism **except**
 A. discourages political democracy
 B. urges people to respect the rights of others
 C. encourages teamwork
 D. Emphasizes on equality of all people
45. Which of the following statement is **true** about forestry in Swaziland?
 A. They are mainly located in highland
 B. They are mainly natural forests
 C. Common trees growing are hardwoods
 D. Trees here are of different varieties

Use the diagram below to answer question 46.



46. Which statement is **incorrect** about the method of fishing?
 A. Mainly used in lake fishing
 B. Best for fishing near the shores
 C. Best for fishing a rough sea bed
 D. Small boat is used to spread the nets
47. Gamel Abdel Nasser of Egypt improved the livelihood of the people of Egypt mainly by
 A. participating in formation of OAU
 B. abolishing Islamic sharia laws
 C. bringing the land reforms in his county
 D. Fighting Israel in a six day war.
48. Which one of the following statements is true about the Tswana pastoralists in Botswana?
 A. They live in wetter part of their county
 B. They mainly keep dairy animals
 C. They keep large herds of livestock
 D. Their government irrigates their pastures
49. The **main** reason why most people in Kenya use vehicles for transportation is
 A. they are cheap
 B. vehicles are safe
 C. they are readily available
 D. they are not affected by bad weather
50. Three of the following are principles of democracy. Which one is **not**?
 A. Recognition of famous people
 B. Rule of law
 C. Respects of human rights
 D. Recognition of minor groups
51. The following are functions of security organs in Kenya
 i) *Keep law and order*
 ii) *Used to evacuate people in disaster stricken area*
 iii) *Can be used to distribute relief food*
 iv) *Prevent people from committing crime*
 v) *Patrols to ensure security*
 vi) *Protect the country from external aggression*
 Which combination shows the functions of National Police Service only?
 A. ii, iv, vi B. ii, v, vi
 C. i, ii, iii D. i, iv, v
52. Which one of the following was not an effect of the world war II in the struggle for independence in Kenya?
 A. African realised that Europeans were not superior as earlier thought
 B. Africans were encouraged by India and Barma who demand for immediate independence and were granted
 C. Africa had learned fighting techniques and strategies
 D. The ex-soldiers from Kenya were highly rewarded
53. The present government in Swaziland and Kenya are similar in that both countries
 A. the government has three arms
 B. laws are made by parliament
 C. parliament is headed by the prime minister
 D. are ruled by hereditary rulers

54. The following are countries of Africa
- | | |
|---------------|-----------------|
| i) Kenya | ii) Egypt |
| iii) Tanzania | iv) Uganda |
| v) Mozambique | vi) Comoros |
| vii) Ethiopia | viii) Mauritius |
- Which group of countries are members of South African Development Co-operation (SADC)?
- A. ii, iv, v, vii B. i, ii, iv, vii
C. iii, iv, v, viii D. iii, v, vi, viii
55. Most jua kali industries in Kenya are located on the outskirts of urban centres. This is mainly because
- A. they can't afford stalls in town centres
B. towns offer them raw materials
C. towns provide good markets
D. they are directed by governments
56. Who among the following leaders is **not** a member of the county government in Kenya?
- A. Governor
B. County representative
C. Senator
D. Governor appointee
57. In Kenya, an individual becomes a chief justice through
- A. election by members of parliament
B. appointment by the judicial service commissioner
C. nomination by the law society of Kenya
D. appointment by president
58. The title that was given to the head of state and government in Kenya immediately after independence was
- A. Prime minister B. President
C. Governor General D. Chief minister
59. The following are forms of expenditure for the national government in Kenya. Which one is development expenditure?
- A. Construction of roads
B. Paying salaries and wages
C. Paying bills
D. Buying stationary
60. Philip and John were arguing over the sitting positions in the class. Their prefect assisted them reach a consensus. This method of solving conflict is
- A. conciliation B. litigation
C. arbitration D. mediation

CHRISTIAN RELIGIOUS EDUCATION

61. Which one of the following duties was given to Adam after the creation?
- A. To multiply and fill the earth.
B. To separate the righteous from the sinners
C. To take care of Eve as a wife
D. To name only domestic animals.
62. Which one of the following **best** explains why Noah was God's chosen ambassador?
- A. He was the first person to plant a vineyard
B. He cursed his only son Ham.
C. He was the only righteous man left.
D. God wanted him to multiply and fill the earth.

63. Joseph was able to overcome the temptation from Potiphers house **mainly** because
- A. he was hardworking and fooled
B. he was mentally upright
C. he believed in God
D. he respected the King
64. Which one of the following ways did God use to guide the Israelites during the day?
- A. A pillar of clouds. B. Rainbow.
C. A pillar of fire. D. Israelite elders
65. The Israelites broke the following commandments during the Exodus. Which one is it?
- A. Do not murder.
B. Worship no any other god but Me.
C. Obey the Sabbath day and keep it holy.
D. Do not covet
66. Which one of the following values do Christians learn from Gideon defeating the Midianites?
- A. Faithfulness. B. Obedience.
C. Self control. D. Honesty
67. Which one of the following is **not** achievement of King David?
- A. He brought the covenant box in the temple.
B. He captured Jerusalem and made it a capital city.
C. He composed most of the book of Psalm.
D. He killed a Philistine giant.
68. King Solomon fulfilled God's command to his father David when he?
- A. Made the covenant box
B. Built a temple in Jerusalem.
C. Destroyed places of idols worshiping.
D. He had asked wisdom from God.
69. Who among the following prophets prophesied about the pouring of Holy Spirit on the day of Pentecost?
- A. Elisha. B. Jeremiah
C. Isaiah D. Joel
70. Which one of the following reason **best** explains why angels Gabriel announced that Mary's son was to be Holy? He was to
- A. be conceived by the power of Holy Spirit
B. be great among other prophet
C. be born in the town of Bethlehem
D. he would rule forever in his Kingdom
71. Didn't you know that I had to be in my father's house (**Luke 2:49**) When did Jesus say these words?
- A. Dedication.
B. Miraculous catch of fish.
C. Passover celebration in the town of Jerusalem.
D. Passover celebration in Egypt.
72. Which one of the following temptation of Jesus did he use the ten commandments?
- A. Change these stones into bread.
B. Jump from the top of the building.
C. Change water into wine.
D. Bow down and worship him.

73. Which one of the following is the **main** lesson Christians learn from the miracle of the raising of Lazarus?
 A. Be humble. B. Have faith.
 C. Have courage. D. Always be thankful.
74. When Jesus taught about the parable about the Pharisee and the Tax collector, he wanted to emphasize on
 A. humility in prayer
 B. pray without ceasing
 C. set aside especial day for prayer
 D. pray in a secret place
75. After Jesus healed the ten lepers, the one who went back to thank him was a
 A. Jew B. Canaanite
 C. Samaritan D. Egyptian
76. 'This is my body, which is given for you. (**Luke 22:19**). These words were said by Jesus during the
 A. ascension into heaven.
 B. during the resurrection.
 C. during the Eucharist.
 D. wedding at Cana.
77. Who among the following people buried the body of Christ?
 A. Justus.
 B. Simon of Cyren.
 C. Judas son of Iscariot.
 D. Joseph from the town of Arimathea.
78. Who among the following people was stoned to death because of his faith in Christ?
 A. Ananias B. Stephen
 C. Paul D. Ethiopian Eunuch
79. In which of the following ways did Jesus prove to the two disciples on the way to Emmaus that he had resurrected?
 A. Washing their feet.
 B. Sharing a meal with them.
 C. Performing miracles.
 D. Showing them the scars.
80. Which one of the following gift of the Holy Spirit was seen in Peter on the day of Pentecost?
 A. Wisdom. B. Faith.
 C. Speaking in tongues. D. Preaching.
81. Which practices is common to both Christianity and Traditional African Religion?
 A. Reading the scriptures.
 B. Giving offerings.
 C. Reciting the Lords prayer.
 D. Giving animals sacrifice.
82. Which one of the following was the **best** way of remembering the ancestors in Traditional Africans communities?
 A. Naming children after them.
 B. Calling out their names during drought.
 C. Burying the umbilical cord underground
 D. Dancing and singing to them.
83. Which one of the following marriage practices is found both in Christianity and Traditional African Communities?
 A. Wife inheritance. B. Polygamy.
 C. Divorce. D. Wedding.
84. In Traditional African Societies sexual acts are discouraged before marriage **mainly** because
 A. sex is meant for enjoyment
 B. sexual acts lead to illness
 C. sex is meant for people in marriage
 D. sex should only done by the adult
85. Which one of the following actions by Christians shows the **best** way of caring for those infected with HIV and AIDS?
 A. Offering them a job.
 B. Providing them with food.
 C. Sharing with others about their status
 D. Encouraging them to live with hope in Christ.
86. Onyonka your classmate, has a book that is not covered, he says to cover is the teacher's duty to cover for him. As a Christian, what advice can you give him? Tell him
 A. to report the teacher to the police station.
 B. to ask his classmates to help him out
 C. it is his duty as a sense of being responsible.
 D. to talk to the teacher to cover it.
87. Timothy is a friend who always offers support to Griffins from a poor family yet his family is against this behaviour. As a Christian what advice could you give Timothy?
 A. Follow his parents advice as he is a young child.
 B. To avoid speaking to his parents.
 C. Proceed with it and tell the parents it's benefits.
 D. To go and stay with Griffins.
88. After buying things from a shop, Catherine is given excess balance of two hundred shillings. As a Christian, she should
 A. thank God for rewarding her
 B. take the money to her parents
 C. return the excess money to the shopkeeper
 D. take excess money to church as offering
89. Kawala your desk-mate asks you to join him in the team of boys who sneaks to smoke cigarettes outside the school compound. As a Christian what advice can you give Kawala?
 A. Tell Kawala to do it during the school holidays.
 B. Inform him about the danger of smoking cigarette
 C. Report the matter to the police station.
 D. Stop your relationship and change the seating position.
90. "Heal the sick, bring the dead back to life, heal those who suffer from deadly diseases..." (**Matthew 10:8**). The early Christians Missionaries obeyed this by
 A. training the church leaders.
 B. building hospitals.
 C. constructing roads.
 D. training teachers.

DISTINCTION SCHOOL BASED ASSESSMENT TEST

STANDARD EIGHT - 2021

KCPE PREDICTION

ENGLISH: LANGUAGE

8

PREMIER

Time: 1hr 40 mins



Read the passage below. It contains blank spaces numbered 1 -15. For each blank space, choose the BEST alternative from the given four.

When you 1 in the morning, you 2 have some set goals 3 the day. These could range from short-term ones to be achieved 4 a few hours or on that day. Some of them, 5, can neither be accomplished on that day, week 6 after a month. They require longer 7 of time but what is 8 is that they must be started at some point 9 time. There must be some effort made to 10 the issue in motion and ensure it 11 not stall. Everything we do, including the mistakes we 12, depend on these plans. If the plan is not 13 out well, ensuring it is 14 becomes very difficult and at times, simply impossible. We therefore 15 set out goals to the levels that we can strive to achieve with least effort.

- | | | | |
|-------------------|--------------|----------------|-----------------|
| 1. A. rise up | B. wake up | C. awake | D. woke |
| 2. A. hardly | B. never | C. usually | D. occasionally |
| 3. A. to | B. on | C. of | D. for |
| 4. A. within | B. around | C. towards | D. alongside |
| 5. A. moreover | B. however | C. furthermore | D. likewise |
| 6. A. or | B. as | C. nor | D. to |
| 7. A. time | B. days | C. measurement | D. periods |
| 8. A. believed | B. essential | C. thought | D. known |
| 9. A. of | B. in | C. as | D. on |
| 10. A. take | B. let | C. put | D. keep |
| 11. A. did | B. can | C. does | D. shall |
| 12. A. do | B. see | C. hear | D. make |
| 13. A. laid | B. lay | C. lain | D. lied |
| 14. A. successful | B. complete | C. reduced | D. stopped |
| 15. A. could | B. must | C. will | D. may |

For questions 16 - 20, choose the alternative that best completes the sentence given

16. They wrote their notes _____ ink.
A. with B. in
C. by D. on
17. Mwajuma said she did not succeed in her last attempt, _____?
A. didn't she B. did she
C. wasn't she D. was she
18. The Grade 4 learner wrote on the _____ side of the paper.
A. cleanest B. much clean
C. more cleaner D. cleaner
19. Waweru travelled faster than _____
A. me B. us
C. them D. I
20. Mwaniki is a very bright boy; _____ he swims for the school team.
A. further B. however
C. moreover D. even so

For questions 21 - 23, choose the alternative that means the same as the underlined

21. Had Paula eaten well, she would not have been punished.
A. Paula ate well but she was punished.
B. Paula would not have been punished if she had eaten well.
C. Paula did eat well and so she was not punished.
D. Had Paula been punished, she would have eaten well.
22. "What have you been doing since morning?" father asked Mary.
A. Father asked Mary what she had been doing since morning.
B. Father asked Mary what she had done since morning.
C. Father asked Mary what she would do since morning.
D. Mary asked father what he had been doing since morning.

23. Why do you make that mistake over and over again?

- A. Repeatedly
- B. Sometimes
- C. Rarely
- D. Always

For questions 24 and 25, choose the correctly punctuated sentence

24. A. Its always good to follow instructions given.
B. What a bad day it was!

- C. Where did your mother travel to.
- D. I saw twenty eight monkeys swinging on the trees.

25. A. How did the learners perform in the national assessment?
B. Monica the local soloist came to the occasion late.
C. Did you find your lost pen, asked Maria.
D. What a stupid thing to do.

Read the passage below and then answer questions 26 – 38

To us, hunting was not a sport but a means of earning the family a livelihood. Many boys were introduced into it early. In fact, it was said, the earlier the better. Wild animals were not as rare as they are these days. We could even choose which animals to kill and which ones to let go. Many boys of my age even knew how each animal's meat tasted, so sometimes we could afford to be choosy on what to take home. Whatever we did not approve of was fed to the dogs as an appreciation for a job well done.

Hunting began early. We did this timing purposely. Most of our dogs were fed at night only and so they would be hungry in the morning. A hungry dog, we believed, was ferocious and fast just as it is said, "A hungry man is an angry man." On the other hand, the animals we hunted seemed to be inactive in the morning hours. We took it that they were still sleepy and tired after the sleep so their speed and response was to our advantage. We carried clubs and pangas but we rarely used them as the dogs did their job well. We mostly needed the pangas when we killed a bigger animal like an antelope. Sharing was done equally and the dogs were rewarded with what we did not need to carry home.

So that particular morning it was not strange that I had not taken any morning meal when my friends called on me. I can't blame them for we rarely had breakfast anyway. I took my king-sized club and whistled to invite our dogs to join the party. Soon, we were on our way to Pundo, the bushy rugged grounds we often got our luck. That particular morning, there was cloud cover. It looked dull, probably a sure sign of things to come but which I failed to read.

It was typical of us to go in different directions once we reached Pundo. We would then communicate by shouting and whistling. If one saw or suspected the presence of an animal nearby, we knew what to do. Soon, it would be cornered and bugged in. There were also wild fruits which we cherished because of their taste. It was, however, easy to make a mistake on the choice I made that day.

I was beginning to feel hungry when I got attracted to what looked like 'Ochuoga' the tasty fruit we would have easily fought over. I wasn't an expert at identifying plants, but I convinced myself that it was the one. A ripe 'Ochuoga' fruit is usually pink or even purple, but these were cherry red and since I had no one to rely on, I feasted hungrily and happily. I even kept a few in my pocket in case I needed more later.

Soon, I heard my friends shouting and I knew what to do. The dogs responded but my legs felt too heavy to move. I saw a flat stone, big enough for me to sit on. I moved to it, sat comfortably. What followed was strange. I only remember waking up when the sky was clear and the sun was high up. It must have been around three o'clock! I was shocked that I was really wet. As I slept, I had been rained on heavily and it is this that made me realize what had happened to me.

I dragged myself back home, a journey which seemed longer than ever. Interestingly, my friends had deposited a large chunk of meat at home as my share but said nothing about my whereabouts. I reached home and removed my wet clothes. It is the contents of the pocket that made me become the laughing stock of the family.

26. Why were many boys introduced to hunting early in life?
- A. The number of wild animals needed to be controlled.
 - B. There was a lot of hunger in the writer's village.
 - C. The parents ensured they moved out of the home early.
 - D. It would be a benefit to the income of the family.

27. The main reason why the boys did not kill all animals is that
- A. the animals were more than they are nowadays.
 - B. it was not easy to find them in the bushes.
 - C. they would have no animals to kill in future.
 - D. not all animals' meat was readily acceptable.

28. Which of the following words would mean much the same as what the boys took home after hunting?
 A. Body B. Corpse
 C. Carcass D. Remains
29. Preference of the meat of the animals killed to be taken home was based on
 A. the size of the animal killed.
 B. the size of each hunter's share.
 C. the taste of the meat.
 D. the choice of individual hunter.
30. The time at which the boys began hunting was all of the following except?
 A. coincidental B. intentional
 C. deliberate D. pre-arranged
31. Which of the following statements is not true according to the passage?
 A. Weapons were not very essential to the boys as they hunted.
 B. No hunter ever took breakfast before going to hunt.
 C. The dogs did not like the way the boys treated them.
 D. Both the dogs and the boys had a reason to be happy after a hunt out.
32. As the boys accompanied by the writer walked out of the writer's home
 A. they knew which animals would easily be got at that time.
 B. they intended to kill hungry and sleepy animals.
 C. they knew the rain could easily affect their activity.
 D. they were in high spirits in spite of the weather.
33. Why did the writer expect himself to have read the weather in time?
 A. His predicament in the course of the day seemed to suggest so.
 B. He is the only one who was caught in the rain.
 C. He was among the youngest in the hunting party.
 D. He had once suffered the same fate.
34. Which of the following factors contributed to the writer's wrong choice of fruits?
 A. The colour of the fruit.
 B. The arrival time of the hunting party.
 C. Failure to take a meal earlier on.
 D. The direction he took when they reached Pundo.
35. Had the writer not put some of the fruits in his pockets
 A. he would have responded to the shouts of his fellow hunters.
 B. he would have created a different impression to the family.
 C. he would have reached home faster than he did.
 D. he would have avoided being rained on.
36. The writer's friends left him a portion of the meat
 A. as a sign of appreciation.
 B. to please the writer's parents.
 C. to convey their sympathy.
 D. as it was a routine.
37. Why did the writer not take shelter while it rained?
 A. There was no house nearby.
 B. He had probably passed out.
 C. It was unheard of for hunters to take shelter.
 D. He was sound asleep after eating the fruits.
38. The **best** summary for this passage would be
 A. Disobedience does not pay.
 B. Life is not a bed of roses.
 C. Not all friends we make in life are useful.
 D. There are a lot of challenges as we grow up.

Read the passage below and then answer questions 39 – 50

Many young people do not know how to use their leisure time wisely and often say that they are bored.

There are very many sporting activities which you can take up as a hobby. You can choose a team activity like football, basketball or netball. If you are good at running, you can train and take part in competitions. Swimming is another sporting activity. All of these activities are good for your health as well as enjoyment.

If you prefer quieter activities, you can find a conducive environment in your local library and make reading your hobby. This is not like school work because you can choose what to read. You can read novels or, if you prefer, you can use books to discover new facts about subjects which interest you. You can even look for a book on hobbies! Those of you that have access to computers can use them for both reading and writing. You can discover about anything on the internet. Just get connected and surf.

Gardening is a practical skill which can give you pleasure. You can choose what to grow. Some people like to beautify the environment with flowers, bushes and trees. Others are more interested in growing vegetables and fruits. If you are a successful gardener, you can display your produce at the local Agricultural show.

Another quiet hobby is playing board games such as chess, draughts, judo, snakes and ladders or 'bao'. These are games which you can play with one or two friends. You have to concentrate a lot and be alert in these games if you want to win. If you are good at chess you can take part in the World Chess Championships! If you excel you will be called a grand master.

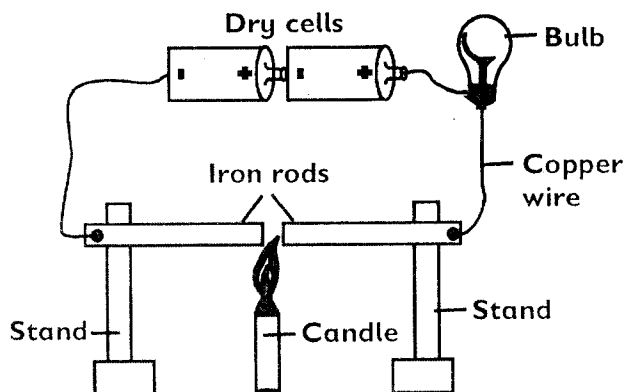
You can gain a lot by joining a youth group. Your local church or mosque or temple is likely to organise activities for youths. These include drama, youth camps, study groups, doing community work such as helping the old, planting trees and cleaning the environment. You may have to endure a lot of hard work, but you will also get a lot of pleasure from helping others.

Perhaps the most famous youth groups are the scouts and girl guides movements. Scouts and girl guides are noted for their community work. They are also great collectors. If you join one of these groups, you will spend time gaining on all kinds of things.

There are other activities that the youth get into such as taking drugs and smoking. These are not hobbies. Hobbies develop your talents and skills and make you a better person. As a youth, think about the options available and start today.

39. What message is being put across in the passage?
- A. How to misuse your leisure time.
 - B. How to choose a hobby.
 - C. How to behave at school.
 - D. How to discover books in life.
40. If one prefers quiet activities, where can one find a conducive environment according to the passage?
- A. In a swimming pool.
 - B. In a book shelf.
 - C. In a local library.
 - D. In sports and teams.
41. According to the passage, you can discover about anything on
- A. reading novels.
 - B. accessing the computers and books.
 - C. concentrating on your school books.
 - D. the Internet.
42. Gardening is a _____ which can give you pleasure.
- A. hobby
 - B. life skill
 - C. practical skill
 - D. beautiful thing
43. Which hobbies are described in the fifth paragraph?
- A. Football, basketball, netball, swimming and running.
 - B. Draughts, snakes and ladders, 'bao' judo, and chess.
 - C. Chess, judo, snakes, netball, swimming.
 - D. Snakes, ladder or bao, football and running.
44. What title is given to one who excels in the World Chess Championships?
- A. Champion
 - B. Great master
 - C. Grand master
 - D. Grand muster
45. According to the passage, who is likely to organise activities for the youth?
- A. Community and the local leaders.
 - B. Church, temple and local leaders.
 - C. Church, mosque or temple.
 - D. Church, community and local area.
46. Which word means the same as endure?
- A. Persisting
 - B. Give up
 - C. Try last time
 - D. Give in
47. What activities do youth groups do?
- A. Drama, travelling, singing and dancing.
 - B. Drama, youth camps, study, community work.
 - C. Cutting trees, studying, visiting others, polluting environment.
 - D. Drama, travelling, smoking and taking drugs.
48. Mention two activities that the youth engage in which are not hobbies?
- A. Scouts and girl guides.
 - B. Drama and youth camps.
 - C. Taking drugs and smoking.
 - D. Smoking and scouts.
49. From the passage, hobbies help in
- A. developing immorality among the youths.
 - B. training the youth to become prominent gangs.
 - C. developing our talents and skills.
 - D. developing you to start practising adulthood.
50. The **best** title for this passage would be
- A. Smoking as a hobby.
 - B. Scouts and girl guides movements.
 - C. Choosing a hobby.
 - D. Youth groups.

12. The following are advantages of soft water **except**
- good for drinking
 - lathers easily with soap
 - best for laundry
 - clogs hot water pipes
13. The diagram below was used by STD 7 pupils.



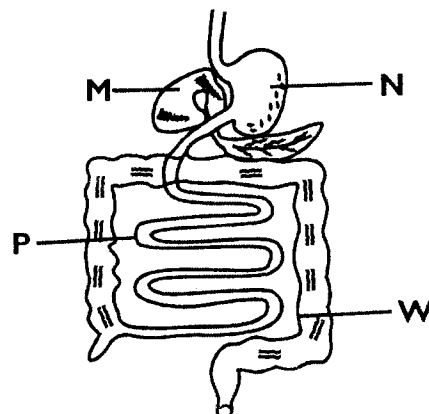
The set up above can be used to conclude that

- iron rods conduct heat
 - heating causes expansion of matter
 - iron rods and copper wire conduct electricity
 - dry cells are sources of current electricity
14. Which one of the following is **correct** about the excretory organs and their wastes?

A.	Kidney	Water, urea, lactic acid.
B.	Skin	Urea, salt, lactic acid
C.	Lungs	Water, carbon dioxide, salt
D.	Bladder	Urea, water, salt

15. Which one of the following is the **main** advantage of breast feeding an infant exclusively for the first 6 months?
- Bonds the mother and the child
 - Helps in formation of strong bones and teeth
 - Boosts the immunity of the child
 - Helps in blood formation
16. A certain plant had air sack and thin cuticles. The plant is also likely to have
- waxy upper surface
 - deep and wide spread roots
 - fleshy thick stems
 - silvery and shiny hair

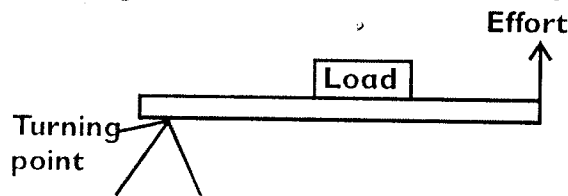
17. The diagram below shows the human digestive system.



Which part labelled above is **correctly** matched with its function?

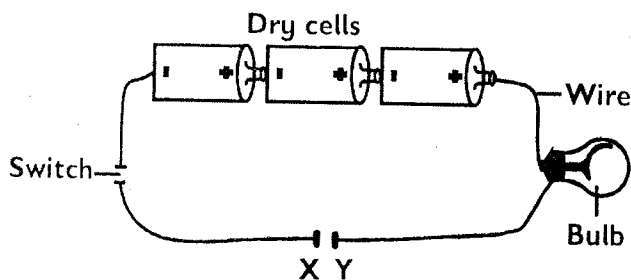
- M - produce pancreatic and intestinal juices.
 - N - digestion of starch and milk starts there.
 - W - Absorption of food, water and minerals.
 - P - Absorption of digested foods.
18. Which one of the following is **not** a natural way of lighting a house?
- Use of skylight
 - Connecting bulb to solar panel
 - Opening windows and doors
 - Use of transparent roof
19. Which group of plants below obtain nutrients by feeding on insects?
- Oxalis, wondering jew, pigweeds
 - Toadstool, puffball, yeast
 - Venus fly trap, ferns, sundew
 - Butterworts, pitcher plant, sundew
20. Four boys classified food as shown below
- John - Maize, beans, sorghum, carrot.
 Peter - Cabbage, spinach, carrot, mango
 Jude - Watermelon, bread, chips, chapati
 Tom - Milk, honey, meat, eggs
- Who among the four boys gave the food that boosts the immunity of the body?
- Peter
 - John
 - Jude
 - Tom
21. Which one of the following is a health effect of drug abuse?
- Truancy
 - Accidents
 - Addiction
 - Rape
22. The **best** instrument to determine the mass of an object is
- beam balance
 - a see saw
 - spring balance
 - thermo gum

23. The diagram below shows a lever in use.



Which lever when in use has the same arrangements for the load, effort and fulcrum as the one above?

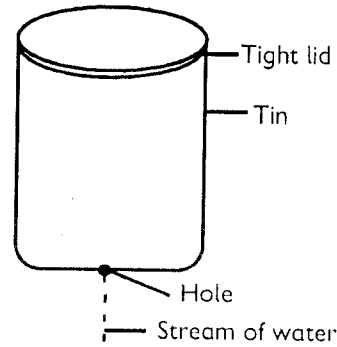
- A. Spade B. Fishing rod
C. Claw hammer D. Wheelbarrow
24. Which one of the following is the **best** method of preventing the spread of HIV/AIDS by married partners?
- A. Abstaining
B. Being faithful
C. Visiting VCT
D. Use of condoms
25. HIV and AIDS cannot be spread through the following **except**
- A. mosquito bites
B. sharing the utensils
C. shaking hands
D. circumcision
26. Std 6 pupils had a poster which had the information below on prevention of a certain disease.
- * **Stay at home**
 - * **Keep social distance**
 - * **Wash hands regularly with soap and flowing water**
 - * **Wear mask when in public**
- The above disease is likely to be caused by:
- A. bacteria B. virus
C. fungus D. insects
27. Which is the **best** method of getting rid of plastics and tins in the environment?
- A. Burying deep in the soil
B. Burning them
C. Recycling
D. Re-using
28. Std 7 pupils arranged the set-up below during a Science lesson.



Which materials can be used to connect the gap XY to make the bulb to burn?

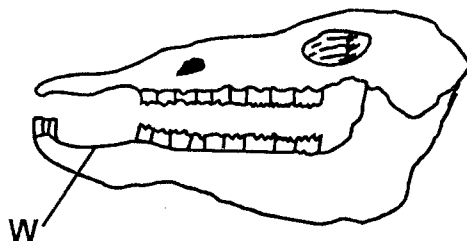
- A. Graphite B. Wool
C. Chalk D. Dry stick

29. Which one of the following is **true** for oil and water vapour? Both
- A. have definite shape
B. have definite size
C. have indefinite mass
D. have definite weight
30. The diagram below shows how liquids flow out of a container.



Which of the following would make the water to flow out smoothly?

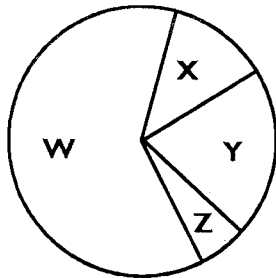
- A. Raising the container
B. Making a hole on the lid
C. Shaking the container
D. Increasing the size of the hole
31. Which of the following groups consists of **only** internal livestock parasites?
- A. Flea, mite, ticks
B. Roundworms, tsetsefly, hookworms
C. Tapeworms, flea, liver flukes
D. Lungworms, roundworms, hookworm
32. Which one of the following shows conservation of water by using sparingly?
- A. Using sprinklers
B. Treating sewage
C. Repairing broken pipes and tanks
D. Mulching
33. Below is a jaw of a certain animal.



The part marked **W** is used for:

- A. Cutting the plant materials
B. Tearing flesh from bones
C. Help in proper turning of food when chewing
D. Prevent the biting of tongue when chewing food
34. Which pair of the material below are all floaters?
- A. Pins and sand
B. Ice and leaves
C. Marble and leather
D. Plastic cork and marble

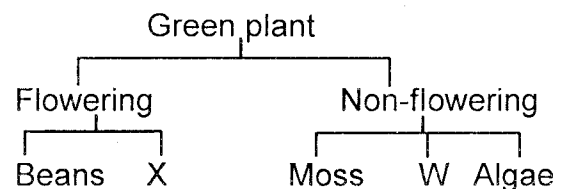
35. Air pollution **cannot** be controlled by
 A. treating the sewage
 B. controlled use of farm chemicals
 C. driving vehicles with well maintained engines
 D. control use of aerosol sprays
36. The soil drainage can be improved by
 A. adding inorganic matter
 B. adding water
 C. adding chemical fertilizer
 D. adding organic mulches
37. The chart below shows air composition.



Which two gases are required by plants to make their own food and nutrients?

- A. W and Y B. X and Y
 C. W and X D. W and Z
38. In a food chain the component which is in abundance is
 A. producers
 B. primary consumer
 C. secondary consumers
 D. tertiary consumer
39. Which group of food below contains fats?
 A. Maize, beans, cabbage.
 B. Groundnuts, irish potato, yams
 C. Coconuts, groundnuts, avocado
 D. Sim sim, peas, carrots
40. Heat from the burning jiko reaches the feet of a person seated by the side through a process called
 A. convection
 B. radiation
 C. conduction
 D. convection and radiation
41. When light move from one medium to another it
 A. bounces back B. is absorbed
 C. bends D. reflected
42. A child with a pot belly, brown hair and sores at the corner of the mouth should be fed with:
 A. ugali, beans, spinach
 B. milk, eggs, beans
 C. orange, cabbage, carrot
 D. maize, rice, cassava

43. Which of the following substances consists of only material that can allow magnetic force to pass through them?
 A. Paper, plastic plate, aluminium foil.
 B. Steel plate, tin bowl, razorblade
 C. Copper wire, iron nail, silver coin
 D. Paper, feather, steelwool
44. Which group of animals below lay eggs and have varying body temperature?
 A. Birds and reptiles
 B. Fish and mammals
 C. Amphibians and reptiles
 D. Fish and birds
45. All the following are rotational methods of grazing **except**
 A. paddocking B. herding
 C. tethering. D strip grazing
46. Which group of sexually transmitted infections are caused by bacteria **only**?
 A. Genital herpes and Chancroid
 B. HIV/AIDS and Syphilis
 C. Chancroid and Gonorrhoea
 D. Gonorrhoea and Tuberculosis
47. Which statement below is **not true** about the pulmonary vein in blood circulatory system?
 A. Carries deoxygenated blood
 B. Carries blood to the heart
 C. Has valves
 D. Carries oxygenated blood
48. The chart below shows the classification of plants.



Which plant **best** represents **X** and **W** respectively?

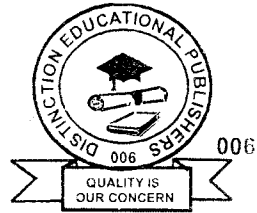
- A. Mushrooms, maize
 B. Wheat, conifers
 C. Ferns, maize
 D. Sorghum, millet
49. Hard water is softened by
 A. adding soap B. adding salt
 C. cooling D. boiling
50. The two forms of energy that can be transmitted without a medium are
 A. sound and electricity
 B. sound and heat
 C. heat and light
 D. heat and electricity

DISTINCTION SCHOOL BASED ASSESSMENT TEST

STANDARD EIGHT - 2021

KCPE PREDICTION

MATHEMATICS



Time: 2 Hours

1. Which one of the following is **48040878** in words?
 - A. Four hundred and eight thousand four thousand eight hundred and seventy eight
 - B. Forty eight thousand forty thousand seven hundred and seventy eight
 - C. Four hundred and eighty four thousand eight hundred and seventy eight
 - D. Forty eight million forty thousand eight hundred and seventy eight.
2. What is the place value of digit **2** after working out **3.3×2.25** ?
 - A. Ones
 - B. Tenths
 - C. Hundredth
 - D. Thousandths
3. Work out the value of **$4(6^2 - 5^2)^2 + 72 \div 6$**
 - A. 496
 - B. 133
 - C. 560
 - D. 1948
4. The ages of **6** pupils was recorded in years as **15, 13, 12, 15, 14** and **12**. What was the median age?
 - A. 14 years
 - B. $13\frac{1}{2}$ years
 - C. 27 years
 - D. 13 years
5. What is twice the value of **$\frac{3}{4}$ of $(\frac{3}{5} + \frac{1}{6}) \div \frac{1}{3}$** ?
 - A. $1\frac{3}{20}$
 - B. $6\frac{9}{20}$
 - C. $3\frac{9}{20}$
 - D. $\frac{23}{60}$
6. Leah bought **30** bags of carrot at sh. **1800** each. She paid sh. **100** for transportation for each bag. She was charged sh. **20** for each bag in the market by the County Government. She sold each bag at sh. **2300**. How much profit did she make?
 - A. sh. 11400
 - B. sh. 57600
 - C. sh. 14880
 - D. sh. 15000
7. Work out: **$0.36 \times 1.05 \times 0.07$**
 1.8×0.21
 - A. 0.7
 - B. 0.07
 - C. 0.007
 - D. 7
8. What is **486.8987** rounded off to the nearest hundredths?
 - A. 487.00
 - B. 486.89
 - C. 486.80
 - D. 486.90

9. The table below shows the number of denomination of money Wakulima had in his kiosk

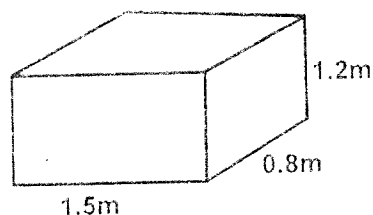
Denomination	5	10	20	40	50	100	200	500	1000
No. of coins/notes	38	35	30	25	22	18	15	10	5

He changed all the money into equal number of sh. **200** notes and sh. **20** coins. Which one shows the number of notes and coins he got?

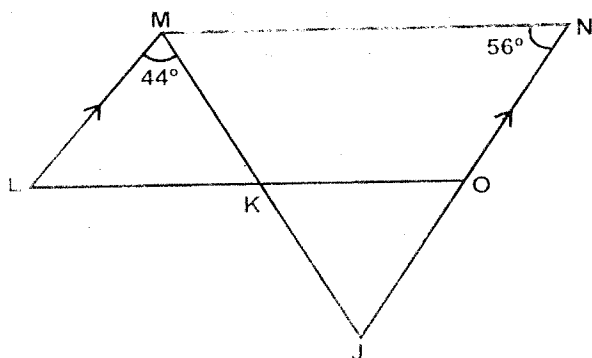
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|---|---------------|-------------|----|----|---|---------------|-------------|----|----|
| <p>A. <table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr><td>sh. 200 notes</td><td>sh. 20 coin</td></tr> <tr><td>82</td><td>82</td></tr> </table></p> | sh. 200 notes | sh. 20 coin | 82 | 82 | <p>B. <table border="1" style="display: inline-table; border-collapse: collapse; text-align: center;"> <tr><td>sh. 200 notes</td><td>sh. 20 coin</td></tr> <tr><td>41</td><td>41</td></tr> </table></p> | sh. 200 notes | sh. 20 coin | 41 | 41 |
| sh. 200 notes | sh. 20 coin | | | | | | | | |
| 82 | 82 | | | | | | | | |
| sh. 200 notes | sh. 20 coin | | | | | | | | |
| 41 | 41 | | | | | | | | |
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| sh. 200 notes | sh. 20 coin | | | | | | | | |
| 82 | 41 | | | | | | | | |
| sh. 200 notes | sh. 20 coin | | | | | | | | |
| 41 | 82 | | | | | | | | |

10. Karim bought the following items from a shop.
 - 4kg of sugar @ sh. 140
 - $\frac{1}{4}$ kg packet of tea leaves for sh. 45
 - $3\frac{1}{2}$ kg of rice at sh. 160
 - $1\frac{1}{2}$ kg of cooking fat at sh. 40 per $\frac{1}{2}$ kg
 - 2 bars of soap for sh. 110.
 How much did he pay for the items?
 - A. sh. 1395
 - B. sh. 1335
 - C. sh. 1445
 - D. sh. 1505
11. Onyancha took **6** hours to travel from Kisii to Kisumu. If he left Kisii on Monday **2315hrs**. When did he arrive at Kisumu?
 - A. Monday 5:15am
 - B. Tuesday 5:15pm
 - C. Tuesday 5:15am
 - D. Monday 5:15pm
12. Find the quotient of the **LCM** and the **GCD** of **36, 40** and **48**?
 - A. 360
 - B. 720
 - C. 2880
 - D. 180
13. What is the ratio **$\frac{3}{4} : \frac{5}{6}$** expressed as a percentage?
 - A. 60%
 - B. 90%
 - C. $62\frac{1}{2}\%$
 - D. 120%

14. The container below was three quarters full of water. How much water did it contain in dl?



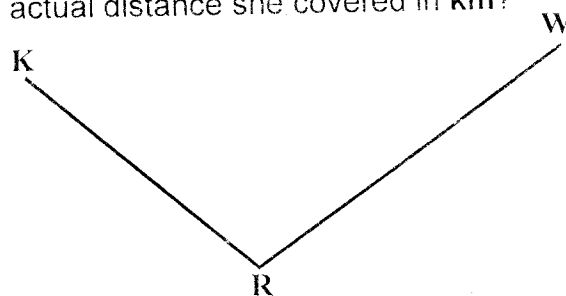
- A. 14400
B. 1080
C. 108
D. 10800
15. The school field is made up of a rectangle and a semi-circle. The semi-circle has a diameter of 21m, while the rectangle measures 30m by 25m. What is the area of the field?
- A. 923.25m²
B. 173.25m²
C. 1096.5m²
D. 346.5m²
16. A shopkeeper bought 12 cartons of cooking fat each weighing 40kg. He repacked the cooking fats into 125g packets. How many such packets did he obtain?
- A. 3840
B. 380
C. 38
D. 384
17. Which set of measurement can be used to construct a right angled triangle?
- A. 2.5cm, 2.4cm, 2.6cm
B. 8cm, 15cm, 17cm
C. 9cm, 12cm, 16cm
D. 1.5cm, 2.0cm, 3.5cm
18. In the figure below line MN = LO, line NJ is parallel to ML, angle LMK = 44° and ONM = 56°



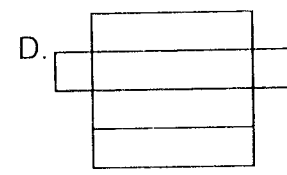
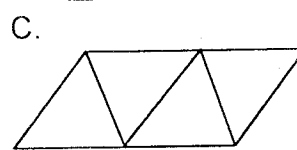
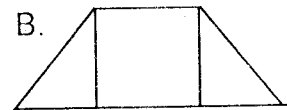
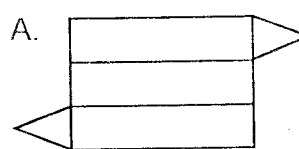
- Find the measure of angle JKO?
- A. 100°
B. 80°
C. 56°
D. 124°
19. Alex bought 48 bags of cereals. He drew a pie chart to represent all the bought cereal. Maize was represented by an angle of 120°, that of beans was 150°, and the rest were rice. How many bags of rice did he have?
- A. 20
B. 14
C. 16
D. 12

20. The area of a certain trapezium is 630cm². The two parallel sides were 48cm and 36cm. Find twice the perpendicular distance between the two parallel lines?
- A. 15cm
B. 30cm
C. 7 $\frac{1}{2}$ cm
D. 20cm

21. The diagram below shows the journey Rhoda travelled from K to W via R. If the scale of 1:50000 was used, what is the actual distance she covered in km?



- A. 45km
B. 0.45km
C. 450km
D. 4.5km
22. The number of pupils in Bidii primary increased by 20% in the year 2009. In the year 2010 they decreased by 10%. If the pupils were 1944 after the decrease how many pupils were there before increase?
- A. 1800
B. 2160
C. 2332
D. 2593
23. Which one of the following nets can be folded to form a triangular pyramid?

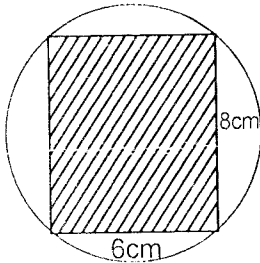


24. Ndoro bought a TV set for sh. 12000 after he was allowed a discount of 20%. How much would he have paid if the discount allowed was 15%?
- A. sh. 13800
B. sh. 7500
C. sh. 12750
D. sh. 1380
25. The perimeter of a rhombus is 30cm. One of the diagonal is 12cm. What is the measure of the other diagonal?
- A. 4.5cm
B. 9cm
C. 18cm
D. 6cm
26. Construct triangle ABC, in which line AB = AC = 6cm and line BC = 8cm. Draw a circle touching the edges of the triangle. What is the radius of the circle?
- A. 1.8cm
B. 3.6cm
C. 8cm
D. 4cm

27. A rectangular piece of land measuring **120m** by **80m** was fenced around with posts placed at intervals of **5m**. If a gate of **10m** was left. How many posts were used?

- A. 78
B. 81
C. 79
D. 80

28. The diagram below shows a rectangle measuring **8cm** by **6cm** in a circle.



What is the area of the unshaded part
(Take $\pi = 3.14$)

- A. 48cm^2
B. 78.5cm^2
C. 30.5cm^2
D. 15.25cm^2

29. A salesman earns a basic salary of sh. **15600**. He is paid a commission for the sales he make above sh. **10000**. In a certain month he earned a total of sh. **22600** after selling goods worth sh. **360000**. What was the percentage commission?

- A. 0.2%
B. 20%
C. 2%
D. $1\frac{17}{18}\%$

30. Tamara bought **y** oranges, Jashon bought one more orange than Tamara. Kome bought three times as many oranges as both Tamara and Jashon bought. Which expression below shows the total oranges bought?

- A. $5y + 1$
B. $5y + 4$
C. $8y + 3$
D. $8y + 4$

31. The table below shows the number of times three teams won, drew or lost in a competition. Three points were awarded for each game won. One point for each game drawn and no point for game lost.

	Kambi	Kingongo	Kimbo
Won	3	4	5
Drawn	4	5	3
Lost	3	1	2

Which one of the following shows the order in which teams were ranked from first to the last?

- A. Kambi, Kimbo, Kingongo
B. Kingongo, Kimbo, Kambi
C. Kimbo, Kambi, Kingongo
D. Kimbo, Kingongo, Kambi

32. A group of twenty members contributed sh. **20000** each to buy a piece of land. They were offered sh. **150000** by a bank. If they bought the land for sh. **495650**, how much money did they remain with?

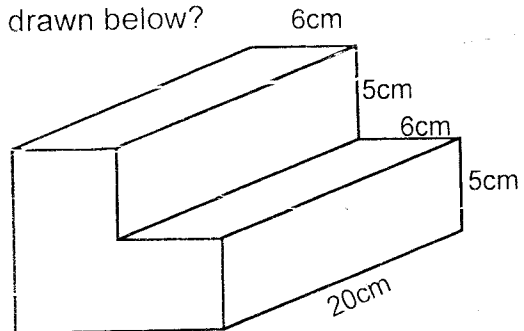
- A. sh. 1045650
B. sh. 550000
C. sh. 54350
D. sh. 40000

33. What is the value of **y** in the equation?

$$\frac{2}{3}(6y + 9) - (y + 5) = 7$$

- A. 6
B. 2
C. 4
D. 3

34. What is the surface area of the solid drawn below?



- A. 970cm^2
B. 1800cm^2
C. 1060cm^2
D. 1500cm^2

35. A clock gains **5** second every hour. It was set right on Sunday at **7.00am**. What time will it show on Friday at **7.00am**?

- A. 7.10pm
B. 6.50pm
C. 7.10am
D. 6.50am

36. Kamau, Mwangi and Leah shared some cows. Mwangi got $\frac{2}{7}$ of the cows, Leah got $\frac{2}{3}$ of the remainder and Kamau got the rest of the cows. If Kamau got **10** cows, how many cows were there altogether?

- A. 42
B. 62
C. 60
D. 22

37. Jane deposited sh. **200,000** in a bank that paid compound interest at a rate of **8%** pa. How much money did he have by the beginning of the third year?

- A. sh. 216000
B. sh. 251942.40
C. sh. 233280
D. sh. 233280.40

38. In a meeting the number of children were **1400** more than that of adults. The number of women was **215** more than that of men. The number of men was **638**. How many people were in that meeting?

- A. 1491
B. 4382
C. 3282
D. 2891

39. What is the difference in volumes of a cylinder of diameter **28cm** with a height of **30cm** and a rectangular container measuring **12cm** by **8cm** by **15cm**?

- A. 17040cm^3
B. 18480cm^3
C. 1440cm^3
D. 19920cm^3

40. The table below shows the postal charges for sending money order.

Value of order(sh)	Commission(sh)
Not over 500	50
501 - 1000	80
1001 - 5000	150
5001 - 10000	280
10001 - 20000	500
20001 - 50000	780

Serina sent two money orders of sh. 15000 and 42600. How much money did she pay at the post office altogether?

- A. sh. 1280 B. sh. 69160
C. sh. 1560 D. sh. 58880
41. Draw parallelogram JKLM where $KL = 7.8\text{cm}$ angle $JKL = 105^\circ$ and line $JK = 4.5\text{cm}$. Draw a perpendicular from K to meet line JM at P . What is the measure of line KP ?
- A. 6.8cm B. 7.8cm
C. 4.3cm D. 4.8cm

42. The charges for sending a telegram are as follows. The first 10 words or less you pay sh. 22.50. Any extra word is charged sh. 1.70 each. A tax of 10% of the total is charged. The total amount is rounded off to the nearest shilling. How much did Salim pay to sent the telegram below.

**ABDI HAKIM BOX 12569 ISIOLO
SCHOOL FEES NOT PAID SEND
IMMEDIATELY SALIM**

- A. sh. 28.49 B. sh. 28.00
C. sh. 26.00 D. sh. 29.00
43. Given that $x = 4$, $5 = y - x$ and $z = y + 1$ find the value of $\frac{x(z - y)^2 + z}{x + z}$

- A. 14 B. 1
C. 2 D. $1\frac{6}{7}$

44. Twelve workers can complete a certain job in 5 days. How many more days can 10 workers take to complete the same job?
- A. 1 B. 6
C. 11 D. 2

45. The hire purchase price of a bed is 20% more than market price. When bought on cash, a discount of 10% of the marked price is given. Salome bought it on cash where she paid sh. 13500. Njamba bought the same through hire purchase he paid a deposit of sh. 6000 and equal monthly instalment of the remaining amount in 10 months. How much did he pay each month?
- A. sh. 750 B. sh. 1200
C. sh. 900 D. sh. 1500

46. Mugo's car uses 1.5 litres of petrol to cover 18.5km. Each litre of petrol costs sh. 95. How much money does he require for fueling his car if he want to cover 148km?
- A. sh. 12 B. sh. 1171.60
C. sh. 1825.30 D. sh. 1140

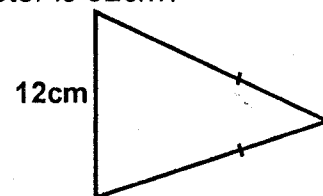
47. Which statement is true about all quadrilaterals?
- A. Have at least a pair of parallel lines.
B. Opposite angles are equal.
C. Interior angles add upto four right angles
D. Diagonals intersect

48. The table below show the amount of milk delivered and the amount sold in one week by a processing plant.

Days	Mon	Tue	Wed	Thu	Fri	Sat
Amount delivered(L)	120	180	160	170	150	200
Amount sold on (L)	150	200	100	210	120	230

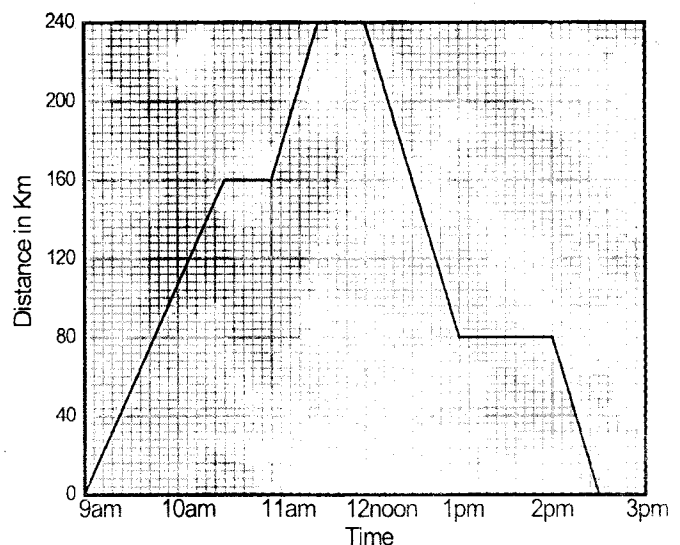
Which day did the plant sell $\frac{4}{5}$ of the amount delivered?

- A. Monday B. Wednesday
C. Tuesday D. Friday
49. What is the area of the figure below if the perimeter is 32cm?



- A. 60cm^2 B. 48cm^2
C. 120cm^2 D. 24cm^2

50. The graph below shows the journey of a motorist from town J to town R and back.



What was his average speed between 11.00am and 1.30pm?

- A. 100km/h B. 120km/h
C. 80km/h D. 96km/h