

DISCOVERY NATIONAL CLASS 7 2021 EXAMS

For marking schemes call
Mr Machuki 0795491185

This PDF contains all the
subjects.



STANDARD SEVEN

DISCOVERY
EXAMS

DISCOVERY NATIONAL EXAMINATIONS KCPE COMPLIANT 2021

MATHEMATICS

Time: 2 hours

READ THESE INSTRUCTIONS CAREFULLY

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2. Do any necessary rough work in this booklet.
3. When you have chosen your answer, mark it on the **ANSWER SHEET**, not in this question booklet.

HOW TO USE THE ANSWER SHEET

4. Use only an ordinary pencil.
5. Make sure that you have written on the answer sheet:
YOUR INDEX NUMBER
YOUR NAME
NAME OF YOUR SCHOOL
6. By drawing a **dark line** inside the correct numbered boxes mark your full index number (i.e School Code Number and the three- figure Candidate's number) in the grid near the top of the answer sheet.
7. Do not make any mark outside the boxes.
8. Keep the answer sheet as clean as possible and **DO NOT FOLD IT**.
9. For each of the questions 1-50, answers are given. The answers are lettered A, B, C and D. In each case only **ONE** of the four answers is correct. Choose the correct answer.
10. On the answer sheet the correct answer is to be shown by drawing a **dark line** inside the box in which the letter you have chosen is written.

Example:

In the question booklet:

8. A plane was flying at a speed of 288km/hr. Calculate the average speed in m/s.
A. 120 m/s
B. 80m/s
C. 144m/s
D. 48m/s

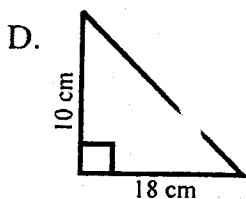
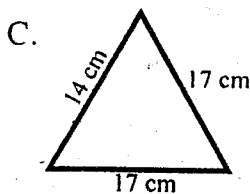
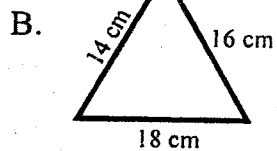
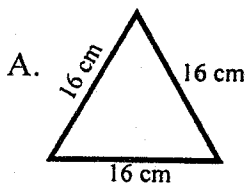
The correct answer is **B** on the answer sheet:

7 [A] [B] [C] [D] 8 [A] [B] [C] [D] 9 [A] [B] [C] [D] 10 [A] [B] [C] [D] 11 [A] [B] [C] [D]

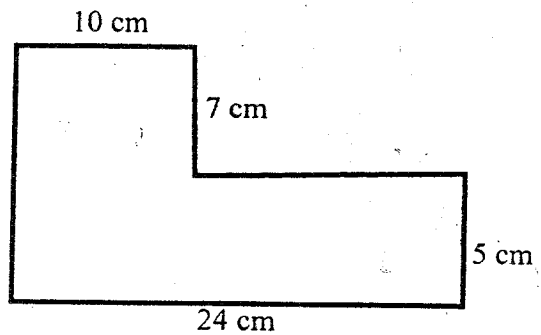
11. Your **dark line MUST** be written in the box
12. For each question **ONLY ONE** box is to be marked in each set of four boxes.

This question paper consist of 8 printed pages

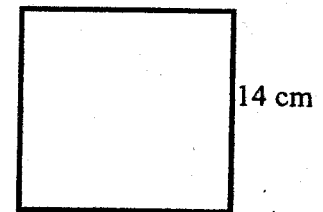
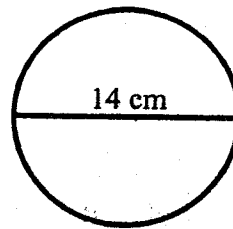
- What is the value of digit 4 in the number 72409?
 - 100.
 - Four hundred.
 - Hundreds.
 - 4000.
- Which one of the following is 200202?
 - Two hundred thousand two hundred and two.
 - Twenty hundred thousand two hundred and two.
 - Twenty million two hundred and two.
 - Two million two hundred and two.
- What is 12024 divided by 4?
 - 306
 - 36
 - 3006
 - 30006
- What is the LCM of 15, 20, 30?
 - 5.
 - 15.
 - 60.
 - 120.
- What is the square root of $\sqrt{81}$?
 - 9
 - 6561
 - 27
 - 3
- Which of the triangles below is an isosceles triangle?



- What is the perimeter of the following diagram?



- 46
 - 48
 - 72
 - 36
- By how much is the perimeter of the square more than the circumference of the circle shown below?



- 44 cm
 - 12 cm
 - 56 cm
 - 70 cm
- Tulesi earns 990 per day while his wife earns 880 per day. How much do they earn per week altogether?
 - 13090
 - 1870
 - 6160
 - 6930

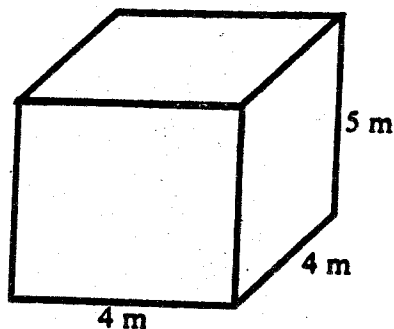
10. In a hall there are 50 benches. Each bench can accommodate 10 people. If all benches were full except one which was broken. How many people were in the hall?
 A. 500
 B. 60
 C. 450
 D. 490
11. Evaluate: $-15 - 18.64 + 7.82$
 A. 4.18
 B. 25.82
 C. 11.46
 D. 41.46
12. Mr Lugano bought a mobile phone and sold it at sh. 7000 making a 40% profit. What was the buying price of the phone?
 A. sh. 6960
 B. sh. 9800
 C. sh. 5000
 D. sh. 4200
13. What is the value of V in the magic square below?

	1	6
3	5	
4		V

- A. 2
 B. 24
 C. 9
 D. 15

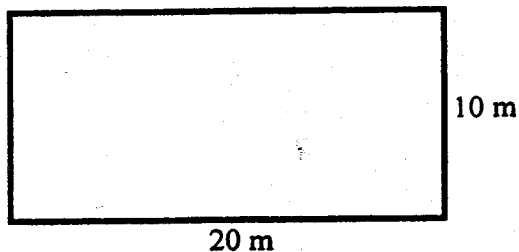
14. A motorist started his journey at 10:35 am. If he reached his destination at 4:55 pm, how long did the journey take?
 A. 6 hr 20 min
 B. 5 hr 40 min
 C. 5 hr 20 mins
 D. 6 hr 40 mins
15. What is the next number in the sequence below?
 2, 6, 12, 20, 30, _____
 A. 48
 B. 40
 C. 36
 D. 42

16. What is the capacity of the tank below in litres?



- A. 80 m^3
 B. 80 litres
 C. 80000 litres
 D. 800 litres
17. Which of the following mathematical instrument is used in drawing parallel lines?
 A. A protractor.
 B. A pair of compass.
 C. A set square.
 D. Non-of the above

18. Work out: $4^2 + \sqrt{36 \times 3^2}$
- A. 224
B. 22
C. 34
D. 340
19. Evaluate: $\frac{3}{4} \div \frac{7}{12} \times \frac{1}{3}$
- A. $\frac{21}{48}$
B. $2\frac{37}{49}$
C. $\frac{3}{48}$
D. $\frac{3}{7}$
20. The price of a goat was sh. 6000. the price was later increased by 20%. What is the new price of the goat?
- A. 1200
B. 7200
C. 4800
D. 6100
21. If 60% represents 240 girls, how many girls are represented by 70%?
- A. 400
B. 280
C. 160
D. 40
22. What is the area of the piece of land shown below in hectares?



- A. 200 ha
B. 2 ha
C. 0.02 ha
D. 0.2 ha

23. What is the radius of a circle whose circumference is 88?
- A. 14
B. 28
C. 7
D. 56

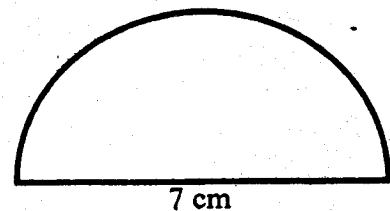
24. Work out:-

	t	kg	g
4	14	24	424

	t	kg	g
A.	3	6	106
B.	3	506	106
C.	3.2	6	16
D.	3.2	506	16

25. Find the value of y: $3y - 7 = 20$
- A. 10
B. 9
C. 3
D. 10

26. What is the perimeter of the shape below?

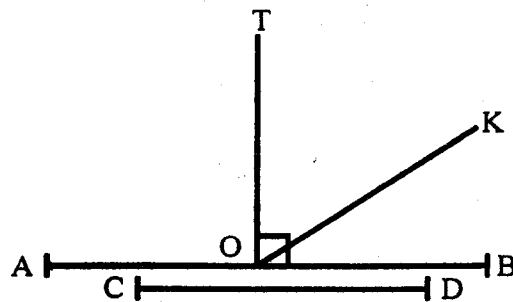


- A. 29
B. 18
C. 44
D. 11
27. What is the product of 0.03 and 0.08?
- A. 0.24
B. 2.4
C. 0.0024
D. 0.024

28. How many faces does an open cube has?
 A. 4
 B. 5
 C. 6
 D. 7
29. How many more kilograms are needed to make $9\frac{1}{4}$ tonnes weigh 10 tonnes?
 A. 1000 kg
 B. 250 kg
 C. 750 kg
 D. 500 kg
30. Work out: $6.36 + 3 =$
 A. 2.12
 B. 212
 C. 21.2
 D. 212.0
31. The volume of a rectangular water tank is 108 m^3 . If the height of the tank is 2 m, what is its base area?
 A. 216 m^2
 B. 54 m^2
 C. 216 cm^2
 D. 54 cm^2
32. A bus left Kisumu at 2:00 pm and took 10 hours to reach Nairobi. At what time in 24 hour system did the bus reach Nairobi?
 A. 0000 hrs
 B. 0100 hrs
 C. 0200 hrs
 D. 2300 hrs

33. Alonso takes two decilitres of milk everyday. How many litres does he take in one week?
 A. 14 litres
 B. 1 litre
 C. 1.4 litres
 D. 2.8 litres
34. What is 900 ha in square metres?
 A. 9 m^2
 B. 9000000 m^2
 C. 9000 m^2
 D. 90 m^2

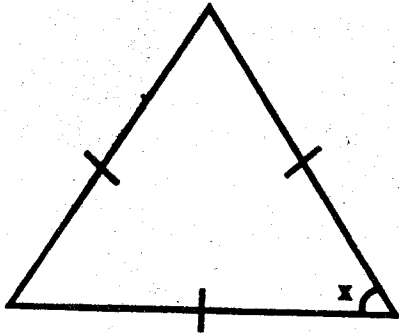
35. Which of the lines below is perpendicular to line AB?



- A. CD
 B. TO
 C. None
 D. OK
36. How many prime numbers are there between 90 and 100?
 A. 2
 B. 97
 C. 1
 D. 2

37. Remove the brackets and simplify
 $2(2a + b)$
 A. $4a + b$
 B. $4a + 2b$
 C. $4a + 4b$
 D. $4ab$

38.



Find the value of the angle marked x.

- A. 180°
 B. 60°
 C. 0°
 D. None of the above
39. Which one of the following symbol will complete the statement below?
 A right angle _____ an acute angle
 A. $>$
 B. $=$
 C. \leq
 D. \geq
40. Find the area of a square room whose perimeter is 20 cm?
 A. 100 cm^2
 B. 400 cm^2
 C. 16 cm^2
 D. 25 cm^2

41. Workout:

$$\begin{array}{r} \text{kg} \quad \text{g} \\ 78 \quad 120 \\ \times \quad \quad 5 \\ \hline \end{array}$$

- A. 396 kg 200 g
 B. 390 kg 600 g
 C. 360 kg 200 g
 D. 350 kg 600 g
42. The distance between two shops is represented by 7 cm. The length is drawn using the scale 1 cm represent 20 m. What is the distance between the two shops?
 A. 1.4 m
 B. 14 m
 C. 1400
 D. 140 m
43. The table below shows daily sales of cows at Kajiado market.

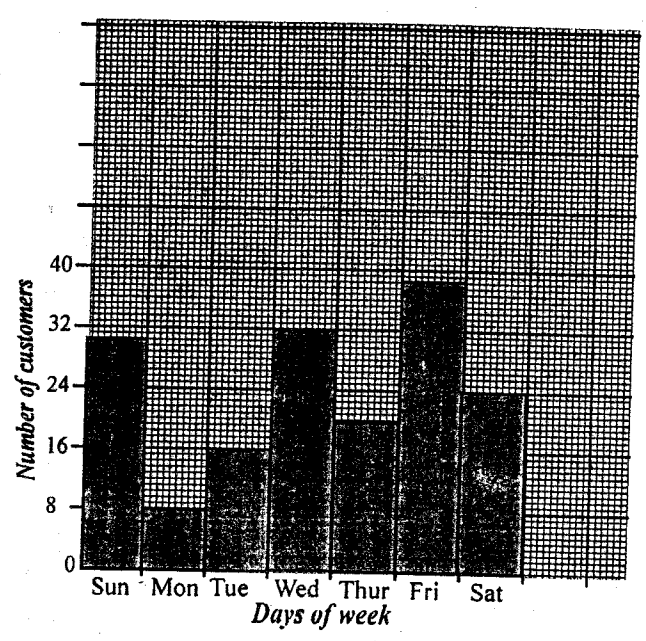
Day	Mon	Tue	Wed	Thur	Fri
No of cows	54	63	68	71	64

What was the mean number of cows sold during the week?

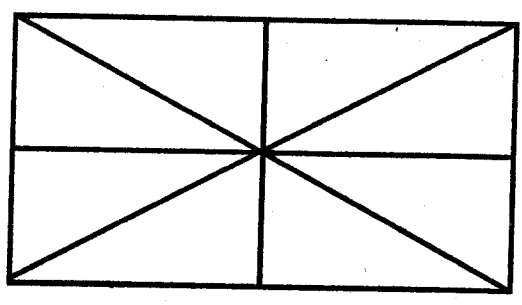
- A. 70
 B. 64
 C. 55
 D. 80
44. Lalana bought $3\frac{1}{4}$ kg of meat. How grams did he buy?
 A. 3000 250 g
 B. 3025 g
 C. 30025
 D. 3250 g

45. What is the least number that should be subtracted from 4127 to make it divisible by 11?
 A. 2
 B. 4
 C. 3
 D. 9
46. The fractions $\frac{7}{9}$, $\frac{4}{5}$, $\frac{5}{6}$ were to be arranged in order from the largest to the smallest. Which one shows the correct order?
 A. $\frac{4}{5}$, $\frac{5}{6}$, $\frac{7}{9}$
 B. $\frac{7}{9}$, $\frac{4}{5}$, $\frac{5}{6}$
 C. $\frac{5}{6}$, $\frac{4}{5}$, $\frac{7}{9}$
 D. $\frac{4}{5}$, $\frac{7}{9}$, $\frac{5}{6}$
47. Dodoi walks to school everyday. The school is 2 km away from home. How many km does Dodoi cover in one week?
 A. 4 km
 B. 28 km
 C. 20 km
 D. 14 km

The graph below shows the number of customers who visited Wemacho hotel.



48. On which day did the hotel have most customers?
 A. Monday
 B. Wednesday
 C. Friday
 D. Sat
49. Which two consecutive days did the hotel receive the least number of customers?
 A. Sunday and Monday
 B. Monday and Tuesday
 C. Friday and Sunday
 D. Wednesday and Thursday
50. How many triangles can be formed in the figure below?



- A. 16
 B. 10
 C. 8
 D. 12



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KCPE COMPLIANT 2021

ENGLISH SECTION A: LANGUAGE

Time: 1 hour 40 minutes

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Example

For question 16 and 17, choose the opposite of the underlined words.

16. My brother promises to hide the secret,
A. Conceal B. Reveal C. Not tell D. Not keep
The correct answer is B.

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TURN OVER

Read the passage below. It contains blank spaces numbered 1 to 15. For each choose the best alternative to fill in.

When Zawadi and the rest of the guides ___1___ at school, they were ___2___ received by the rest of the girls. They ___3___ enthusiastically about their trip.

“We climbed ___4___ and by 2.30 pm we were at the top of Maragoli, hills,” said Zawadi. “___5___ night it rained heavily and our tent ___6___ to ___7___ and we had to wake up to clear the mess. We woke up early in the morning to prepare breakfast”.

___8___ we had stored some wood in a dry place the ___9___ night so I successfully ___10___ the fire with only one match and ___11___ the test. I was ___12___ excited to succeed. My teacher congratulated me ___13___ my success. I had done him proud, ___14___? I looked ___15___ to the provincial test”.

- | | | | | |
|-----|--------------|------------------|----------------|-------------|
| 1. | A. reached | B. arrived | C. got | D. walked |
| 2. | A. happily | B. warmly | C. coldly | D. sadly |
| 3. | A. discussed | B. argued | C. talked | D. debated |
| 4. | A. steadily | B. steady | C. steadilly | D. steadily |
| 5. | A. By | B. On | C. In | D. At |
| 6. | A. began | B. begun | C. begins | D. begin |
| 7. | A. leak | B. lick | C. seek | D. find |
| 8. | A. Unluckily | B. Unfortunately | C. Fortunately | D. Luckily |
| 9. | A. former | B. previous | C. last | D. next |
| 10. | A. lighter | B. lighted | C. light | D. lit |
| 11. | A. past | B. passed | C. succeeded | D. failed |
| 12. | A. too | B. very | C. so | D. rather |
| 13. | A. on | B. for | C. by | D. with |
| 14. | A. didn't I | B. did I | C. hadn't I | D. had I |
| 15. | A. forward | B. down | C. upto | D. upon |

For question 16 - 17, choose the best tag.

16. We need some more sugar, _____?
A. do we?
B. need we?
C. don't we?
D. didn't we?
17. Helen said she was pleased, _____?
A. didn't she?
B. did she?
C. wasn't she?
D. was she?

For question 18 - 20, choose the best alternative to complete the sentences below.

18. I will visit you when schools ____
A. break down
B. break up
C. break off
D. break out
19. The fire brigade took two hours to _____ the raging fire.
A. put on
B. put up
C. put out
D. put off
20. Iqra doesn't get _____ with our landlady. She is always complaining.
A. on
B. along
C. by
D. off

For question 21 - 22, choose the best punctuated sentence.

21. A. "We have done our best," they said. "We can't do any better".
B. "We have done our best," they said "We can't do any better."
C. "We have done our best." They said, "We cant do any better."
D. "We have done our best." they said. "We can't do any better."

22. A. Look out! The van is moving!
B. Look out. The van is moving!
C. Look out ! The van is moving.
D. Look out, the van is moving!

For question 23 - 25, select the best alternative to fill in the blank space.

23. Aruwa is a good girl _____ she plays too much in class.
A. moreover
B. nevertheless
C. however
D. and
24. She came to school late _____ she woke up late.
A. because
B. thus
C. therefore
D. and
25. She woke up late _____ she was late for school.
A. since
B. for
C. as
D. therefore

Read the passage below and then answer questions 26 to 38.

The number of CCTV (closed circuit television) cameras in Kenya has grown enormously in recent years. There are now more than four million which makes an astonishing one camera for every ten people.

CCTV has been used for many years for the surveillance of public areas associated with an obvious security risk. Such as military installations, airports, casinos and banks. However, since 1990s there has been a huge increase in the surveillance of everyday locations such as city and town centres car parks, shops and traffic. Added to this more and more people are buying their own consumer, CCTV systems for personal or commercial use. The most common function of these systems is to survey the area in front of the house or business and record any antisocial or criminal behaviour. People who buy these systems range from wealthy individuals who are afraid of being targeted by burglars to people who are not wealthy at all but who live in high-crime areas such as inner centres and are trying to protect themselves.

For some people, the huge increase in public surveillance is a threat to the individuals civil liberties and is a sign that society is becoming increasingly authoritarian. They argue that the individuals right to privacy and right to live individually is an important aspect of being Kenyan.

They also fear that the present or future governments might abuse the information gathered by surveillance in order to manipulate, control or persecute the population.

Individuals and groups in favour of CCTV including the police, believe that it is a valuable weapon against crime. In fact there is no strong evidence that CCTV reduces crime overall, it may act as a deterrent in certain locations, but the crime is displaced to another location. It is not always a good deterrent many criminals aren't afraid of CCTV because they know that cameras may not be running, or no one is likely to be watching the screen. Few crimes are solved through CCTV. Sometimes CCTV footage is analysed retrospectively to identify criminals after a crime has taken place but even this process is enormously time-consuming and expensive whether CCTV helps to solve the problems for which it was developed for remains sharply contested.

26. CCTV as used in the passage means:-
- closed circuit television cameras
 - counter circuit television cameras
 - counter crime television cameras
 - closed counter television cameras.
27. What according to the passage is the approximate Kenyan population?
- Four million.
 - Sixteen million.
 - Forty million.
 - Twenty million.
28. Which of the following places has not been under surveillance by CCTV cameras?
- Barracks
 - Airports
 - Banks
 - Bedrooms
29. It is true from the passage that:-
- CCTV cameras are a preserve of the rich
 - only the poor buy the CCTV cameras
 - both the rich and the poor buy the CCTV cameras
 - CCTV cameras have no use to the poor
30. What according to the passage is the common use of surveillance cameras?
- To survey the areas adjacent to the house
 - To survey the front part of the house
 - commercial and personal use
 - To survey the back of the house
31. The word anti-has been used in the passage it is:-
- prefix
 - suffix
 - adjective
 - pronoun
32. Why would a poor man install a CCTV camera?
- Fear of the unknown
 - The residential areas
 - Target by burglars
 - To survey their backgrounds
33. Those against the use of CCTV argue that:-
- CCTV are hazardous
 - CCTV are discriminatory
 - CCTV can be misused by their owners
 - The information gathered by the CCTV can be misused by the government.

34. The word evidence has been used in the passage to mean:-

- A. prove B. prove
- C. proof D. prof

35. Many criminals are not afraid of CCTV cameras because:-

- A. they cannot function when there is no power
- B. they know that cameras may not be running or no one is watching the screens
- C. they know that cameras may not be running and no one is watching the screens
- D. they hide their faces behind masks.

36. but the crime is displaced to another location shows that:-

- A. The crime is committed elsewhere
- B. The crime is botched
- C. The crime does what he/she feeds
- D. people are displaced because of crime

37. Analysing CCTV footage is:-

Read the passage below and answer questions 39 to 50.

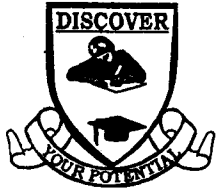
Peter Mailu was an affluent man. At the age of forty-seven he had all that he required for a better life, a beautiful wife, lovely sons and daughters. He had a home and a house. Truly he had all his ducks in a row. His wife and children lacked for nothing, indeed the children knew that their daddy would level all the mountains in life, if any existed.

Mailu had worked his way to the top. From a humble background he had risen through the ranks a journey chequered by obstacles and hurdles to become the most sought after IT expert. His was a story of grace to grass. He held the virtues of hardwork and determination so dear. In fact all his neighbours knew him for one thing; hardwork.

Peter was blessed with a loving daughter whom he named Chebet after his mother. Chebet was a beautiful girl but she did not possess the virtue of hardwork. Being the first born, his father made it his task to equip her with the best education. Best schools and teachers were her thing. But Chebet had her heart elsewhere. She made it her normal way to bask and relish in her father's wealth. School, was a waste of time and teachers a big bother. It was not surprising therefore that she always came at the tail end of her class. This she didn't care so long as the big cars still dropped her at the classroom doorstep.

Chebet's father was utterly concerned. He had wasted and prayed that his children be cut from the same cloth as he was. Poor his fate had conspired to give her what his heart never desired. He set out to arrest the situation. He tried spanking the girl but the result was undesirable. He tries all he could but the obstinate girl never batted her eyelid. She graduated from worse to worst in a trice. Mailu was by himself with grief. He took a walk down the memory lane, urging to figure out, what it was that he had not done right. This still proved too difficult a task. At last he lost the daughter to the world. She lost interest in everything and turned to drugs. A blot to Mailu's legacy.

39. Why was Mailu a lucky man?
 A. He had a beautiful wife
 B. He had lovely children
 C. He had a home and a house
 D. He had all that he required for a better life
40. To have your ducks in a row as used in the passage means
 A. to be organized and ready for any situation.
 B. to practice poultry.
 C. to arrange your house neatly.
 D. to work hard to earn a living.
41. The fact that the children knew that the falls would level all the mountains suggests that
 A. they loved him.
 B. they believed in him.
 C. they cared for him.
 D. he cared for them.
42. Mailu was successful because
 A. he belonged to a royal family.
 B. he belonged to the ruling party.
 C. he had worked hard defying all odds.
 D. he had inherited a lot from his father.
43. It is true from the story that
 A. Mailu's parents were rich.
 B. Mailu had bribed his way to the top.
 C. Mailu disregarded his family.
 D. Mailu was from a poor background.
44. What contrast is there between Mailu and his daughter?
 A. Mailu was lazy, the girl was industrious.
 B. Mailu was ugly, the girl was fine looking.
 C. Mailu was diligent, the girl was indolent.
 D. Mailu was indolent, the girl was lazy.
45. Why did Mailu equip Chebet with the best education?
 A. She was his only child.
 B. She was his last child.
 C. She deserved it for a better future.
 D. First born should be given the best education.
46. What made Chebet not perform well in school?
 A. She was mentally challenged.
 B. She did not like school and always thought of her father's wealth.
 C. She knew there was no reason of working hard.
 D. She was sure she would pass.
47. It is not surprising therefore means that
 A. Chebet was unlucky to be bottom of her class.
 B. Chebet deserved to be at the top.
 C. Chebet regretted coming last in her class.
 D. Chebet deserved to be the last.
48. Why was Chebet's father concerned?
 A. He wanted to save his reputation.
 B. He loved and cared for his daughter.
 C. He did not want to be the laughing stock.
 D. He wanted Chebet to set the pace for the other.
49. Mailu attempts to save his daughter can be described as all
 A. bearing no fruit.
 B. an attempt in futility.
 C. flogging a dead horse.
 D. a smooth ride.
50. The best title for this passage would be
 A. a wasted opportunity.
 B. a lifetime lesson.
 C. a foiled attempt.
 D. the stubborn girl.



STANDARD SEVEN

**DISCOVERY
CENSOR**

DISCOVERY NATIONAL EXAMINATIONS KCPE COMPLIANT 2021

ENGLISH SECTION B: COMPOSITION

Time: 40 minutes

YOUR INDEX NUMBER	
YOUR NAME	
NAME OF YOUR SCHOOL	

READ THESE INSTRUCTIONS CAREFULLY

1. In this space provided above write your full index number, your Name and the Name of your school.
2. Now open this paper, read the composition subject carefully and write your composition on the lines provided.

DISCOVERY

This question paper consist of 4 printed pages

Discovery National Examinations 2021

TURN OVER

Lined writing area with 25 horizontal lines.

Lined writing area with 25 horizontal lines.



DARASA LA SABA

**DISCOVERY
EXAMS**

**DISCOVERY NATIONAL EXAMINATIONS
KCPE COMPLIANT 2021**

**KISWAHILI
SEHEMU YA KWANZA:
LUGHA**

Muda:Saa 1 dakika 40

SOMA KWA MAKINI MAAGIZO YAFUATAYO

1. Umepewa kijitabu hiki cha maswali na karatasi ya kujibia. Kijitabu hiki kina maswali 50.
2. Ikiwa utataka kuandikia chochote ambacho si jibu andika katika kijitabu hiki.
3. Ukisha chagua jibu lako lionyeshe katika **KARATASI YA MAJIBU** na wala siyo katika kijitabu hiki cha maswali.

JINSI YA KUTUMIA KARATASI YA MAJIBU

4. Tumia penseli ya kawaida.
5. Hakikisha ya kwamba yafuatayo yameandikwa katika karatasi ya majibu:

NAMBA YAKO YA MTIHANI

JINA LAKO

JINA LA SHULE YAKO

6. Kwa kuchora kistari katika visanduku vyenye namba zinazokuhusu, onyesha namba yako kamili ya mtihani (yaani namba ya shule, na zile namba tatu za mtahiniwa) katika sehemu iliyotengwa mwanzo wa karatasi ya majibu.
7. Usitie alama zozote nje ya majibu na usiikunje.
8. Iweke safi karatasi yako ya majibu na usikunje.
9. Kwa kila swali 1-50 umepewa majibu manne. Majibu hayo yameonyeshwa kwa herufi A, B, C na D. Ni jibu **MOJA** tu kati ya hayo manne ambalo ni sahihi. Chagua jibu hilo.
10. Kwenye karatasi ya majibu, jibu sahihi lionyeshwe kwa kuchora kistari katika kisanduku chenye herufi uliyochagua kuwa ndilo jibu.

Mfano

19. Tumia kiambishi sahihi:-
Darasa ___ tajengwa kesho.
A. i B. u C. li D. ki

Jibu sahihi ni C

Katika karatasi ya majibu

9 [A] [B] [C] [D] 19 [A] [B] [C] [D] 29 [A] [B] [C] [D] 39 [A] [B] [C] [D] 49 [A] [B] [C] [D]

Katika visanduku vinavyoonyesha majibu ya swali namba 19, kisanduku chenye herufi C ndicho kilichochorwa kistari

11. Chora kistari chako vizuri. Kistari chako kiwe cheusi na kisijitokeze nje ya kisanduku.
12. Kwa kila swali, chora kistari katika kisanduku kimoja tu kati ya visanduku vinne ulivyopewa.

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Kijitabu hiki cha maswali kina kurasa 8 zilizopigwa chapa.

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GEUZA UKURASA

Maswali 1 mpaka 15

Jaza pengo kwa kuchagua jibu bora zaidi.

Kengele ___1___, wanafunzi wote walifuatana ___2___ kuelekea gwarideni. Ilikuwa kama ___3___ kila siku ya Ijumaa ___4___ pamoja kwa maombi. Wanafunzi wengine walisikika wakipiga ___5___ kuhusu matukio ya ___6___ nzima iliyopita.

Kila darasa lilijipanga ___7___ safu zao wakimsubiri mwalimu kwa ___8___ kufika. Mara tu ___9___, maskauti waliongoza ___10___ bendera na kuimba wimbo wa taifa.

- | | | | | |
|-----|------------------|------------------|-------------------|------------------|
| 1. | A. imelia | B. ilipolia | C. inagongwa | D. ilichapwa |
| 2. | A. hobelahobela | B. kukuru kakara | C. unyounyo | D. juu chini |
| 3. | A. ibada | B. mazoea | C. mchezo | D. bwerere |
| 4. | A. kuishi | B. kujumuika | C. kuingia | D. kwenda |
| 5. | A. sakata | B. kelele | C. fujo | D. soga |
| 6. | A. wiki | B. juma | C. mwaka | D. mwezi |
| 7. | A. ndani ya | B. karibu | C. katika | D. kwa |
| 8. | A. moyo mkunjufu | B. hali na mali | C. jino na ukucha | D. hamu na ghamu |
| 9. | A. alipofikia | B. alipokaribia | C. alipowadia | D. aliporejea |
| 10. | A. kutweka | B. kupandiza | C. kutwika | D. kuinua |

Siku hizi ___11___ wanahadaiwa na ___12___ na utamaduni wa ___13___. Wengi wao huiga chochote kinachotoka ___14___. Ukweli wa methali kiingiacho mjini si ___15___ umepataka kudhihirika.

- | | | | | |
|-----|--------------|--------------|--------------|--------------|
| 11. | A. wazee | B. vijana | C. wasichana | D. wakongwe |
| 12. | A. mila | B. miiko | C. tabia | D. hadithi |
| 13. | A. Mashariki | B. Kaskazini | C. Kusini | D. Magharibi |
| 14. | A. Unguja | B. Uhabeshi | C. Ughaibuni | D. Uganda |
| 15. | A. haramu | B. halali | C. chochote | D. lolote |

Kutoka swali la 16 hadi 30, jibu kulingana na maagizo.

16. Toa jibu mwafaka kwa salamu hii.
Makiwa!
A. binuru
B. tunayo
C. alamsiki
D. inshallah
17. Kanusha:
Ungefika mapema ungempata daktari.
A. Ungalifika mapema ungalimpata daktari
B. Ungelifika mapema ungelimpata daktari
C. Usingefika mapema usingempata daktari
D. Usingalifika mapema usingalimpata daktari
18. Tegua kitendawili:
Hutembea juu ya miba ingawa hachomwi.
A. mkuki
B. nanasi
C. ndege
D. ulimi
19. Chagua sentensi inayoonyesha matumizi sahihi ya po ya wakati.
A. Anapochezea pana shimo kubwa
B. Pole pole ndio mwendo
C. Alipokaa ndipo pao
D. Aliponitafuta alinipata sokoni
20. Sentensi gani isiyobainisha matumizi ya neno panda?
A. kukwea mti au mlima
B. kuweka mbegu au miche ardhini ili imee
C. mnyama mkubwa wa nchi zenye baridi
D. kifaa cha watoto cha kuulia ndege
21. Chagua jibu mwafaka la kusesitiza:
Vitendo _____ ndivyo vilivyowafanya washtakiwe.
A. hivyo hivyo
B. hivo hivo
C. vivyo hivyo
D. hicho hicho
22. Tunasema mweusi kama makaa, vilevile mwepesi kama:-
A. mboga
B. paa
C. mawingu
D. hewa
23. Mtoto wa nyuki ni jana. Je, mtoto wa chungu huitwa _____
A. nirihi
B. kiwavi
C. kiluwiluwi
D. kwida
24. Nini maana ya usemi kula mwata?
A. Kuwa na shida au kuteseka
B. kutumia pesa au mali vibaya
C. kuwa na maisha marefu
D. kula pamoja na marafiki

25. Kamilisha methali:
Mgonjwa haulizwi _____
A. dawa
B. daktari
C. matibabu
D. hospitali
26. Chagua jawabu linaloonyesha kinyume cha jinsia kwa usahihi:-
A. Beberu - mbuzi
B. Jimbi - koo
C. Mjomba - mtwana
D. Malkia - tembe
27. Mwanafunzi huyu ni mtiifu. Maneno yalipopigiwa kistari yanaonyesha _____
A. kiashiria na kivumishi sifa
B. kielezi na kivumishi
C. kiashiria na kimilikishi
D. kihusishi na kielezi
28. Ndugu wa kike na wa kiume huitwa:-
A. mpwa
B. harimu
C. umbu
D. mkoi
29. Chagua sentensi inayoonyesha matumizi ya karibu ya idadi.
A. mtihani wa kitaifa u karibu
B. karibu gari letu litumbukie mtoni
C. kwao ni karibu na mrsitu
D. walikuwa karibu abiria watano garini
30. Chagua kiunganishi sahihi kukamilisha sentensi:-
Mzee Omari ni tajiri _____ hana watoto wa kurithi mali yake.
A. isipokuwa
B. ingawa
C. ilhali
D. wala

Soma habari ifuatayo kisha ujibu maswali 31 hadi 40.

Uchumi ndio uti wa mgongo wa taifa lolote lile. Huimarisha maisha ya wananchi na ya kijamii.

Kunao uhusiano mkubwa baina ya ukuaji wa uchumi na mfumo wa kisiasa unaoshikiliwa na viongozi wa taifa husika. Kadiri nchi inavyoongozwa na wanasiasa wenye viwango vya juu vya maadili na elimu, ndivyo nchi inavyofikia ufanisi mkubwa wa kiuchumi.

Wasomi wanasema, utafiti unaonyesha kuwa viongozi fisadi wanapoongoza taifa husika, huathirika moja kwa moja kiuchumi. Hii ni kwa sababu rasilimali za nchi hunufaisha wachache walio katika tabaka la uongozi. Mfumo wa kisiasa ukipigana na suala la ufisadi, uchumi huimarika zaidi.

Nchi yetu inaathirika zaidi kutokana na uongozi wa viongozi tofauti. Mpaka sasa, adui mkubwa wa maendeleo ya nchi yetu ni ufisadi. Dawa mujarabu ya kuimarisha uchumi wetu ni kupigana na uongozi mbaya, kwa kuwachagua viongozi waliostaarabika ili janga hili la kuhodhi na kufuja mali ya umma lipate kuangamizwa kabisa.

Elimu hupelekea watu kuwachagua viongozi bora bila kuangalia tabaka, ukabila, dini au rangi. Aidha elimu husaidia kufanikisha utafiti na kupata suluhisho la matatizo kwenye nyanja za afya, kilimo, biashara na mawasiliano.

31. Uchumi ndio uti wa mgongo wa taifa ndio kumaanisha?
 A. Ndio mti unaozaa matunda ya maendeleo
 B. Ni nguzo kubwa ya maendeleo nchini
 C. Ndio mgongo wa taifa
 D. Husimamia uchumi wetu wa taifa
32. Nyanja gani zilizotajwa zinazoimarishwa na uchumi bora
 A. kijamii na kiuchumi
 B. kisiasa na kijamii
 C. kijamii na kimaadili
 D. kisiasa na kijamii
33. Kunao uhusiano gani katika taifa ili maendeleo yapatikane?
 A. Uhusiano wa mataifa ya nje
 B. Uhusiano wa familia katika nchi
 C. Uhusiano wa viongozi na ukuaji wa uchumi
 D. Uhusiano wa ufisadi na uchumi
34. Kadiri viongozi fisadi wanavyoongoza nchi ndivyo _____
 A. hudorora kiuchumi
 B. huimarika kiuchumi
 C. hukua kiuchumi
 D. huinuka kiuchumi
35. Rasilimali za nchi _____ na viongozi wabaya.
 A. huvunjwa
 B. huundwa
 C. huvujwa
 D. hufujwa
36. Ni jambo lipi analotaja mwandishi kuwa linasaidia kuwachagua viongozi bora?
 A. Tabaka
 B. Elimu
 C. Ukabila
 D. Uchumi
37. Kuchagua viongozi bila kuangalia kabila, dini au rangi huitwa?
 A. Uhuru
 B. Ukweli
 C. Demokrasia
 D. Maendeleo
38. Habari hii inahimiza?
 A. Kukoza uchumi
 B. Utaifa wa wananchi
 C. Kuchagua viongozi
 D. Ukabila wa wananchi
39. Dawa mujarabu kulingana na mwandishi ya kuimarisha taifa letu ni:-
 A. kuchagua viongozi vijana
 B. kuzingatia ukabila katika uchaguzi
 C. kuchagua viongozi fisadi
 D. kupiga vita uongozi mbaya
40. Kichwa mwafaka kwa taarifa uliyoisoma chaweza kuwa:-
 A. uongozi bora
 B. uchumi wa nchi
 C. uchaguzi ujao
 D. viongozi fisadi

Soma barua ifuatayo kisha ujibu maswali 41 hadi 50.

Shule ya msingi ya Nyota,
Sanduku la posta 44,
Kijijini

28/01/2016

Mpendwa Rehema,

Pokea salamu zangu belele mithili ya mchanga kwenye ufuo wa bahari. U hali gani msena? Natumai u buheri wa afya na mzima kama ngarange za msonobari. Nasadiki kuwa Mola amezidi kukubariki kwa afya na siha za tembo. Mimi sijambo. Maisha yanazidi kuninyokea. Mambo hapa ni bambam bila shari wala swali.

Mwandani Rehema, nachukua fursa hii kukuarifu kuwa nimejiunga na darasa la saba katika shule ya Elimu Bora. Wavyele wangu walionelea wanihamishie shule hii ya bweni; ili kuimarisha masomo yangu na kuyafikia malengo yangu ya kupasi mtihani wangu wa kitaifa.

Ninayo matumaini mengi kama tai kuwa nitafua dafu. Ari yangu kubwa ni kujizolea alama zaidi ya mia nne kabla ya kujiunga na darasa la nane hapo mwakani. Ninazidi kuuma meno au kushikilia uzi ili kutimiza ndoto yangu. Nawakamia na kuwakakamia walimu wangu kwa maswali belele chembilecho mficha uchi hazai. Kudurusu na kubukua matopa ya vitabu ni jambo ninalolishikilia kwa moyo wa dhati; bila kuchoka. Wanaocheza ngoma goya nimewaambaa kama shetani. Natumai waelewa kuwa nazi mbovu harabu ya nzima.

Msiri Rehema, nakushika sikio; ufanye bidii masomoni kwani bidii hulipa. Jitanibu na walio watepetevu ili kuboresha aushi yako ya baadaye. Waheshimu wakuu wako, bila **kusahau** kuwa Mungu yupo na baraka zake ni belele. Nakomea hapo kwa sasa. Wasabahi **wavyele wako**, na wote wanaonifahamu. Natumai kuupokea waraka wa majibu yako hivi karibuni. Asante mwandani

Mimi wako wa kufa kuzikana
Taabu Bahati.

41. Taarifa uliyoisoma ni mfano wa:-
 A. barua rasmi
 B. barua ya kidugu
 C. barua ya kiofisi
 D. hotuba rasmi
42. Mwandishi wa barua hii ni?
 A. Mwanafunzi wa shule ya Nyota
 B. Mwanafunzi wa shule ya Kijijini
 C. Mwanafunzi wa shule ya Bweni
 D. Mwanafunzi wa shule ya Mwandani
43. Mambo yakikwendea bambam na shwari ndio kusema yanakuendea ____
 A. mrama
 B. pepe
 C. tenge
 D. vyema
44. Ni methali gani inayotuhimiza tusifiche shida zetu?
 A. Nazi bovu harabu ya nzima
 B. Baraka za Mungu ni belele
 C. Mficha uchi hazai
 D. Kucheza ngoma goya darasani
45. Rehema anashauriwa:
 A. kujitanibu na walio watepetevu
 B. kuogopa walimu na kuwaheshimu
 C. kuwapenda wanaocheza ngoma goya
 D. kujiunga na shule ya bweni ili afaulu
46. Tunasema barua ni nusu ya:-
 A. kupigana
 B. kuandika
 C. kuonana
 D. kupendana
47. Taabu anamsihi Rehema kuwaheshimu wakubwa wake kama vile:-
 A. walimu na wazazi
 B. wanafunzi na walimu
 C. wandani na wavyele
 D. viranja na wanafunzi
48. Rafiki wa kufa kuzikana ni rafiki:-
 A. asiyetegemewa
 B. wa kuaminika na kutegemewa
 C. anayeongoza darasani
 D. wa kutoka utotoni
49. Madhumuni hasa ya kuuandika waraka huu ni:-
 A. kumwomba Rehema awachane na marafiki watepetevu
 B. kumkaribisha Rehema katika shule ya bweni
 C. kumshika sikio mwandani wake masomoni
 D. kumwarifu mwandani kuwa alijiunga na shule ya bweni
50. Msemó kucheza ngoma goya una maana gani?
 A. Kufanya bidii za mchwa
 B. Kushirikiana katika masomo shuleni
 C. Kufanya kazi za bure
 D. Kuwaheshimu wakubwa wako.



DARASA LA SABA 2021

**DISCOVERY
CENSOR**

**DISCOVERY NATIONAL EXAMINATIONS
KCPE TRIAL 2021**

**KISWAHILI
SEHEMU YA PILI
INSHA**

Muda: Dakika 40

NAMBA YAKO YA MTHANI	
JINA LAKO	
JINA LA SHULE YAKO	

SOMA MAAGIZO HAYA KWA MAKINI

1. Kwenye nafasi zilizoachwa hapo juu andika Nambari Yako kamili ya mtihani, jina lako na jina la shule yako.
2. Sasa fungua karatasi hii, soma kichwa cha insha kwa makini na uandike insha yako kwenye nafasi uliyo achiwa.
3. Insha lazima iandikwe kwa lugha ya Kiswahili

Kijitabu hiki kina kurasa 4 zilizopigwa chapa.

Discovery National Examination 2021

FUNGUA UKURASA

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STANDARD SEVEN

DISCOVERY
EXAMS

DISCOVERY NATIONAL EXAMINATIONS KCPE COMPLIANT 2021

SCIENCE

Time: 1 hour 40 minute

READ THESE INSTRUCTIONS CAREFULLY

1. You have been given this question booklet and a separate answer sheet. The question booklet contains 50 questions.
2. Do any necessary rough work in this booklet.
3. When you have chosen your answer, mark it on the **ANSWER SHEET**, not in this question booklet.

HOW TO USE THE ANSWER SHEET

4. Use only an ordinary pencil.
5. Make sure that you have written on the answer sheet:
YOUR INDEX NUMBER
YOUR NAME
NAME OF YOUR SCHOOL
6. By drawing a **dark line** inside the correct numbered boxes mark your full index number (i.e School Code Number and the three- figure Candidate's number) in the **grid** near the top of the answer sheet.
7. Do not make any mark outside the boxes.
8. Keep the answer sheet as clean as possible and **DO NOT FOLD IT**.
9. For each of the questions 1-50, answers are given. The answers are lettered A, B, C and D. In each case only **ONE** of the four answers is correct. Choose the correct answer.
10. On the answer sheet the correct answer is to be shown by drawing a **dark line** inside the box in which the letter you have chosen is written.

Example

In The Question Booklet.

24. Animals that feed on plants **ONLY** are called _____.
- A. rodents
 - B. omnivorous
 - C. carnivores
 - D. herbivorous

The correct answer is **D** on the answer sheet:

20 [A] [B] [C] [D] 21 [A] [B] [C] [D] 22 [A] [B] [C] [D] 23 [A] [B] [C] [D] 24 [A] [B] [C] [D]

11. Your **dark line** **MUST** be written in the box
12. For each question **ONLY ONE** box is to be marked in each set of four boxes.

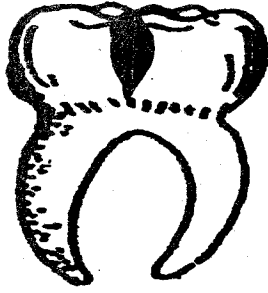
This question paper consist of 8 printed pages

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TURN OVER

1. The diagram below represents a tooth.



The type of teeth infection labelled illustrates:-

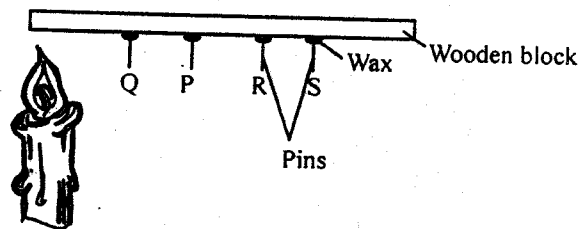
- A. cavity
 B. dental caries
 C. bleeding gums
 D. dental plague
2. Ships and ferries are heavy. They float on water because of their:-
 A. shape
 B. material
 C. size
 D. heaviness
3. Roughages are encouraged in our diet always. What is the importance of having them?
 A. Helps in absorption of water and minerals.
 B. Convert sugar to glucose.
 C. Helps in preventing constipation.
 D. Softens the food for easy swallowing.
4. Which of the following correctly shows sources of water?
 A. Rainfall, river, well.
 B. Tap, river, lake.
 C. Rainfall, river, lake.
 D. Dam, spring, tap.

5. Which of the following sources provide livestock with fats and oils?
 A. Rice husks, honey and wheat bran.
 B. Cotton seeds, fish meal and sunflower.
 C. Sunflower, molasses and banana stem.
 D. Fish meal, legumes and cotton.

6. Absorption of digested food takes place in the :-
 A. stomach
 B. colon
 C. anus
 D. ileum

7. The type of vaccine given at birth is:-
 A. B.C.G
 B. D.P.T
 C. antipolio
 D. measles

8. A standard 6 pupil from Mwanacha primary school set up an experiment below.



Which of the pins Q, P, R and S dropped second last?

- A. R.
 B. P.
 C. None.
 D. Q.

9. A child was suffering from a certain disease. She had the following signs:
- *very weak*
- *she looked like an old woman*
- *cries a lot*
- *shape of bones became visible underneath the skin*

The child was **likely** to be suffering from:-

- A. goitre
B. kwashiorkor
C. marasmus
D. anaemia
10. Which one of these plants has a tap root system?
A. Maize.
B. Onion.
C. Coconut.
D. Mango.
11. Which one of the following physical changes takes place in girls only during adolescence?
A. Increase in height and weight.
B. Menstrual flow begins.
C. Experience wet dreams.
D. Beard grow.
12. The bouncing off of light is called:-
A. refraction
B. translucent
C. dispersion
D. reflection

13. A child with the following signs was **likely** to be suffering from:-
i) *Itching in bowels and bladder*
ii) *Blood stains in urine and stool*
iii) *Fever*
iv) *A cough may develop*
A. cholera
B. malaria
C. bilharzia
D. typhoid

14. The most abundant component of the environment comprises:-
A. plants
B. water
C. air
D. soil

15. Which of the following food preservation methods **does not** preserve food by water from food?
A. Drying.
B. Smoking.
C. Freezing.
D. Salting.

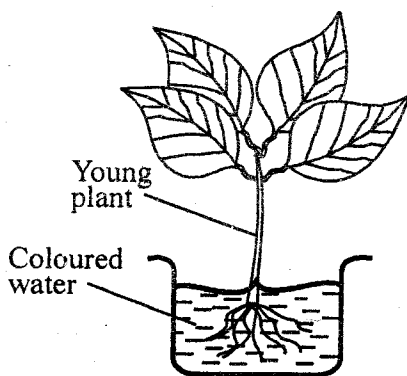
16. The texture of soil is determined by:-
A. size of soil particles
B. mineral particles
C. moisture in the soil
D. living organisms in the soil

17. Which list **does not** contain any protective foods?
A. Water melon, green grains, yams.
B. Green bananas, pawpaws, beef.
C. Fish, kales, ugali.
D. Potatoes, beef and milk.

18. In a flower, fertilization takes place in the:-
 A. stigma
 B. pollen tube
 C. ovary
 D. ovule
19. The blood vessel on which pulse rate is felt is:-
 A. the aorta
 B. artery
 C. vein
 D. capillary
20. Which one of the following weeds is dispersed by animals from one place to another naturally?
 A. Sodom apple.
 B. Black jack.
 C. Oxalis.
 D. Wandering jew.
21. Three of the following plants have common characteristics. Which one is **not**?
 A. Algae.
 B. Toadstools.
 C. Puffballs.
 D. Mushrooms.
22. If the word EXAM is written on a piece of paper and the paper placed in front of a mirror. The word would appear as:-
 A. EXAM
 B. EXVW
 C. MAXE
 D. WAXE
23. The micro-organisms that causes malaria are called:-
 A. mosquitoes
 B. anopheles mosquitoes
 C. plasmodium parasites
 D. plasmodium mosquitoes
24. The following are field pests **except**:-
 A. aphids
 B. white ants
 C. cutworms
 D. weaver birds
25. Which one of the following is both wild and domestic animal?
 A. Ostrich
 B. Hare
 C. Fish
 D. Dog
26. The following are food crops **except**:-
 A. beverages
 B. legumes
 C. cereals
 D. fruits
27. Which one of the following is **not** a form of special sound?
 A. Screaming.
 B. Ringing a bell.
 C. Hooting.
 D. Singing.
28. The correct unit for measuring rainfall is the:-
 A. raingauge
 B. millilitre
 C. millimetre
 D. newtons

29. Which one of the following is **not** part of the gut?
 A. Mouth.
 B. Liver.
 C. Anus.
 D. Rectum.

30. Class 6 pupils of Dadiira primary school did an experiment below. What were they investigating?



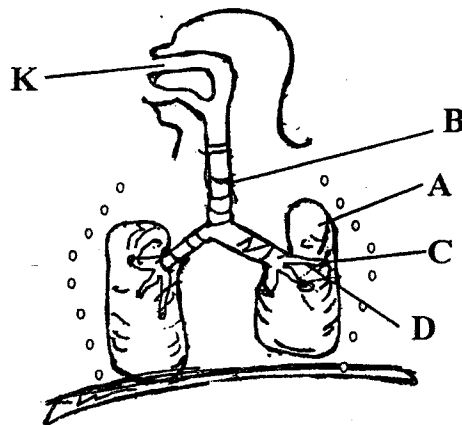
- A. Absorption in plants.
 B. Photosynthesis in plants.
 C. Transportation of water and mineral salts in plants.
 D. Transpiration in plants
31. Which one of the following is **not** a rotational grazing method?
 A. Strip grazing.
 B. Paddockking.
 C. Herding.
 D. Tethering.
32. Gabions help to conserve soil in an environment by controlling:-
 A. sheet erosion
 B. splash erosion
 C. gully erosion
 D. rill erosion

33. Salt licks and bone meal are important sources of:-
 A. vitamins
 B. fats and oils
 C. minerals
 D. proteins

34. Which one of the following part of a seed develops into a shoot?
 A. Radicle.
 B. Cotyledon.
 C. Testa.
 D. Plumule.

35. The following parts of a flower wither after fertilization. Which one **does not**?
 A. Petal.
 B. Anthers.
 C. Ovary.
 D. Sepals

Use the diagram below to answer the following questions 36 - 37.



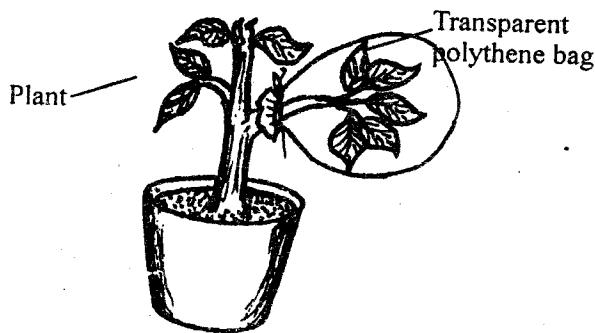
36. The part marked **D** is called:-
 A. bronchus
 B. alveoli
 C. Bronchiole
 D. trachea

37. Air is cleaned in the part marked:-
 A. B
 B. D
 C. K
 D. C

38. Amos was suffering from HIV/AIDS. He experienced the following signs:
 a) *Loss of much weight within a short period*
 b) *Frequent emptying of bowels*
 c) *persistent cough*
 d) *Skin rashes*

In which stage of HIV infection was he **likely** to be:-

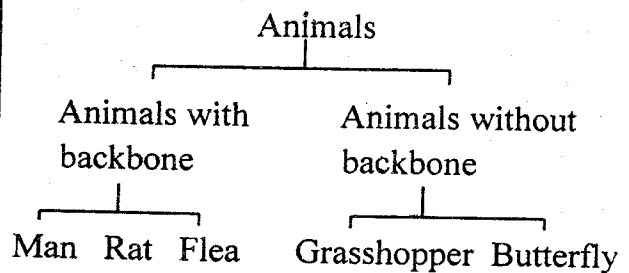
- A. Window stage
 B. incubation stage
 C. symptomatic stage
 D. full-blown stage
39. Which process is **likely** to be taking place in the set-up below if the covered leaf was dry?



- A. Evaporation.
 B. Transpiration.
 C. Digestion.
 D. Photosynthesis.

40. A commercial rain gauge has the parts made of metal in order to:-
 A. make it look attractive
 B. make it easy to paint
 C. withstand harsh outdoor weather conditions
 D. for it to expand and contract

Study the diagram below and use it to answer question 41.



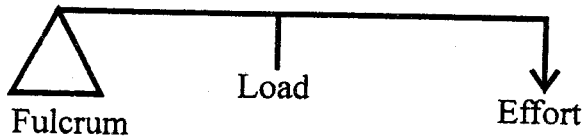
41. Which animal is **wrongly** placed?
 A. Man.
 B. Grasshopper.
 C. Flea.
 D. Rat.
42. Which one of the following animals is an egg-laying mammal?
 A. Reptiles.
 B. Fish.
 C. Birds.
 D. Duck-billed platypus.
43. Which one of the following **does not** cause tooth decay?
 A. Eating biscuits.
 B. Eating Sugary foods.
 C. Drinking water.
 D. Brushing teeth once in a term.

44. Dark or grey heavy mountains clouds which appear low in the sky are called:-
- A. cumulus
 - B. stratus
 - C. nimbus
 - D. cirrus

45. Which one of the following is **not** an artificial source of heat?
- A. Candle.
 - B. Sun.
 - C. Electricity.
 - D. Lamp.

46. The nutrients that prevents scurvy is:-
- A. vitamin B
 - B. vitamin A
 - C. vitamin D
 - D. vitamin C

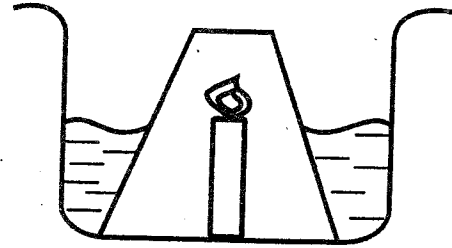
47. The diagram below represents a machine in use.



The machine presented is a:-

- A. wheelbarrow and crow bar
 - B. crow bar only
 - C. crow bar and claw hammer
 - D. wheelbarrow only
48. Which one of the following is **not** an excretory organ?
- A. Skin.
 - B. Lungs.
 - C. Anus.
 - D. Kidneys.

49. A std 7 pupils from Khunyangu primary set up an experiment below. Use it to answer question 49.



When the lid candle is carefully covered with along glass, it continues burning for a while but goes out after a short period. This happens because the:-

- A. water in the plate rise up and extinguishes the candle
 - B. candle burns using most of the oxygen in the glass and then goes out
 - C. glass prevents the candle from burning immediately it is placed in it.
 - D. candles burn but the nitrogen it produces extinguishes it
50. Which statement is **false** during thunderstorm? A person should:-
- A. wear shoes with stick rubber soles
 - B. walk in open fields carrying metallic objects
 - C. not to stand in pool of water
 - D. not to shelter under a tall tree



STANDARD SEVEN

DISCOVERY
EXAMS

DISCOVERY NATIONAL EXAMINATIONS KCPE COMPLIANT 2021

SOCIAL STUDIES AND RELIGIOUS EDUCATION

Time: 2 hours 15 minutes

INSTRUCTIONS TO CANDIDATES (Please read these instructions carefully)

1. You have been given this question booklet and a separate answer sheet. The question booklet contains 90 questions.
2. Do any necessary rough work in this booklet.
3. When you have chosen your answer, mark it on the **ANSWER SHEET**, not in this question booklet.

HOW TO USE THE ANSWER SHEET

4. Use only an ordinary pencil.
5. Make sure that you have written on the answer sheet:
YOUR INDEX NUMBER
YOUR NAME
NAME OF YOUR SCHOOL
6. By drawing a **dark line** inside the correct numbered boxes mark your full index number (i.e School Code Number and the three- figure Candidate's number) in the grid near the top of the answer sheet.
7. Do not make any mark outside the boxes.
8. Keep the answer sheet as clean as possible and **DO NOT FOLD IT**.
9. For each of the questions 1-90, answers are given. The answer are lettered A, B, C and D. In each case only **ONE** of the four answers is correct. Choose the correct answer.
10. On the answer sheet the correct answer is to be shown by drawing a **dark line** inside the box in which the letter you have chosen is written.

Example

In the Question Booklet:

33. Which Eastern African country has no railway network?

A. Ethiopia
B. Uganda
C. Kenya
D. Somalia

The correct answer is 'D'

On the answer sheet:

30 [A] [B] [C] [D] 31 [A] [B] [C] [D] 32 [A] [B] [C] [D] 33 [A] [B] [C] [D] 34 [A] [B] [C] [D]

11. Your **dark line MUST** be written in the box.
12. For each question **ONLY ONE** box is to be marked in each set of four boxes.

Discovery Education Publishers

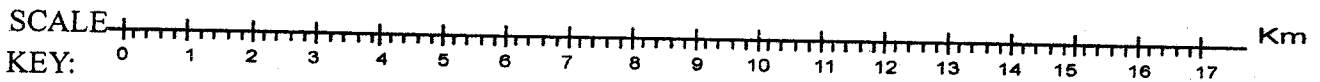
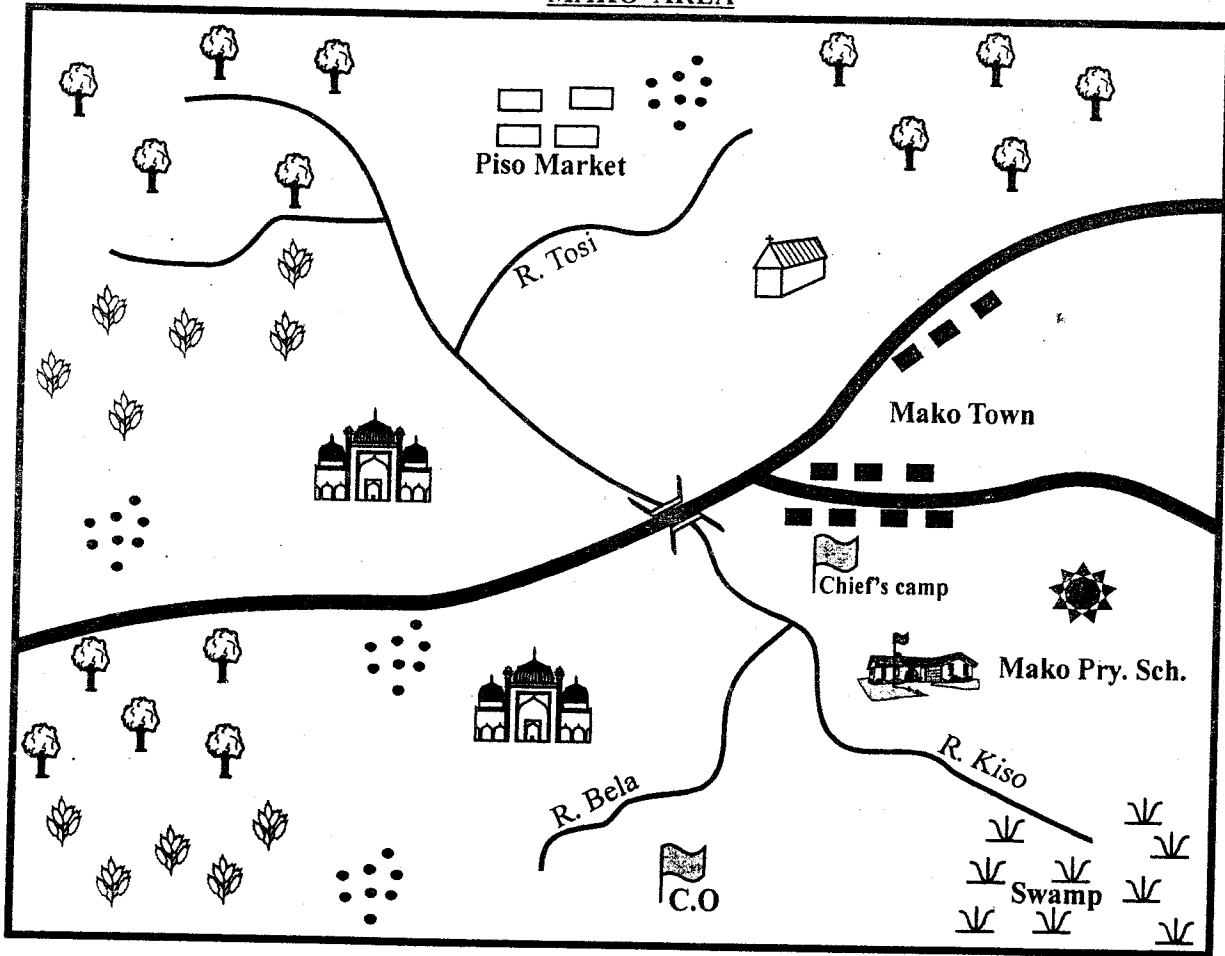
This question paper consist of 12 printed pages

Discovery National Examinations 2021

TURN OVER

PART I: SOCIAL STUDIES

MAKO AREA



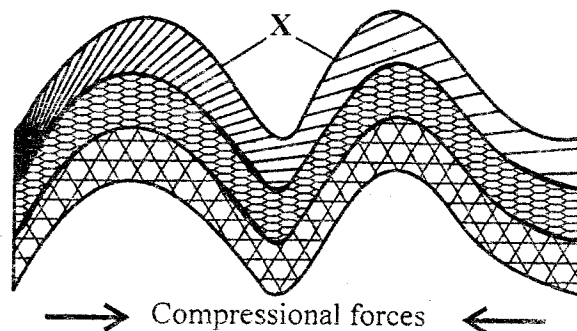
	Forest		Mosque		School
	Tea		River and bridge		Tarmac road
	Church		Settlement		Swampy reeds
	County office		Permanent buildings		Quarry

Study the map of Mako area provided and answer questions 1 - 7.

1. The type of climate experienced in Mako area is:-
 - A. hot and dry
 - B. hot and wet
 - C. cool and wet
 - D. cool and dry
2. How many confluences are found in Mako area?
 - A. Two.
 - B. Four.
 - C. One.
 - D. Three.
3. Mako town has developed **mainly** because of the:-
 - A. tea plantation
 - B. road junction
 - C. quarry
 - D. availability of water
4. The type of population settlement in Mako area is:-
 - A. linear
 - B. clustered
 - C. sparse
 - D. densely
5. The most dominant religion of people in Mako area is **likely** to be:-
 - A. christianity
 - B. islam
 - C. hinduism
 - D. pagan
6. Mako area is **likely** to be headed by a:-
 - A. District officer
 - B. Chief
 - C. Governor
 - D. District commissioner
7. The land in Mako area rises from _____ to _____.
 - A. South East to North West
 - B. North East to South
 - C. South West to North
 - D. North West to South West

8. Communities in the past interacted through three of the following **except**:-
 - A. migration
 - B. wars
 - C. education
 - D. trade
9. Which of the following is the **most** Easterly point of Africa?
 - A. Cape Guardafui.
 - B. Cape Blanco.
 - C. Cape Verde.
 - D. Cape Agulhas.
10. A group of people who share a common ancestor is:-
 - A. an age set
 - B. an extended family
 - C. a family
 - D. a clan
11. Which one of the following is **correct** about the revolution of the earth around the sun?
 - A. It causes day and night.
 - B. It causes winter and summer in the tips of Africa.
 - C. It takes 24 hours.
 - D. It causes difference in time along different longitudes.

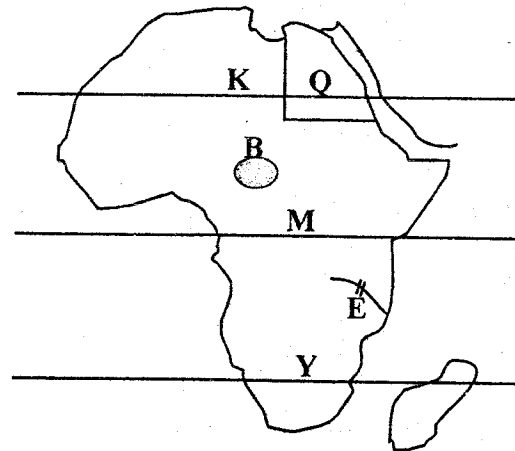
Study the diagram below and answer question 12 and 13.



12. The diagram above shows the formation of _____ type of mountain.
 - A. block
 - B. fold
 - C. volcanic
 - D. plateau

13. The part marked X is called:-
 A. syncline
 B. anticline
 C. floor
 D. escarpment
14. Which of these plateaus in Africa is **correctly** matched with the country where it is found?
 A. Bie plateau - Nigeria.
 B. Fouta Djallon - Guinea.
 C. Jos plateau - Sudan.
 D. Teiga plateau - Kenya.
15. The time in Malabo Guinea 17°W is 1.20 pm. What is the time of Kampala Uganda 23°E?
 A. 2:40 am.
 B. 4:20 am.
 C. 4:00 pm.
 D. 6.00 am.
16. The **main** cause of soil erosion in North Eastern Kenya is:-
 A. lack of rainfall
 B. cultivation on hills
 C. overstocking
 D. monocropping
17. The largest beef ranch in Tanzania is found at:-
 A. Kuzo
 B. Morogoro
 C. Kongwa
 D. Tanga
18. Below is a description of a certain climatic region in Africa.
 i) *It experiences hot and dry summers and cool and wet winters.*
 ii) *Rainfall ranges between 500 mm and 750 mm.*
 iii) *Temperature ranges between 12°C - 25° C.*
 iv) *Experienced in the Northern and Southern parts of Africa.*
 The climatic region described above is:-
 A. Savannah
 B. Mediterranean
 C. Arid and semi arid
 D. Mountain
19. The following are factors that influences climate in Africa. Which one **does not**?
 A. Longitude.
 B. Altitude.
 C. Ocean current.
 D. Winds.
20. Which of the following Island countries of Africa is **not** located in the Indian Ocean?
 A. Cape verde.
 B. Comoros.
 C. Mauritius.
 D. Seychelles.
21. In which month is the sun overhead in the tropic of Capricorn?
 A. June.
 B. March.
 C. December.
 D. September.
22. Below are rivers that drains into the Atlantic Ocean. Which one **does not**?
 A. Cuanza.
 B. Volta.
 C. Limpopo.
 D. Niger.

Use the map of Africa below to answer the question 23-27.



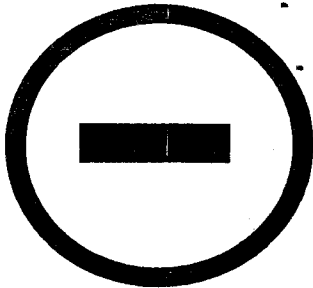
23. The capital city of the country marked Q is:-
 A. Rabat
 B. Tunis
 C. Lome
 D. Cairo

24. Which of the following countries is **not** crossed by the line marked **M**?
 A. Gabon.
 B. Tanzania.
 C. Congo.
 D. Kenya.
25. The river marked **E** is **likely** to be:-
 A. River Senegal
 B. River Cunene
 C. River Zambezi
 D. River Juba
26. The lake marked **B** is called:-
 A. Chad
 B. Victoria
 C. Etosha pan
 D. Tana
27. The countries crossed by the line of latitude marked **Y** receives rainfall between:-
 A. March - September
 B. June - February
 C. December - February
 D. April - July
28. Census in Kenya is conducted after:-
 A. 5 years
 B. 7 years
 C. 10 years
 D. 18 years
29. The decline in sisal produce was **mainly** as a result of:-
 A. price fluctuation
 B. competition from synthetic fibres
 C. pest and diseases
 D. lack of security
30. Which two personalities came up with African Socialism as a national philosophy?
 A. Daniel Moi and Jomo Kenyatta.
 B. Tom Okeka and Jomo Kenyatta.
 C. Jomo Kenyatta and Tom Mboya.
 D. Daniel Moi and Tom Mboya.
31. The following are statements about a certain leader in Africa.
 i) *He died in 1975*
 ii) *He was overthrown and put under house arrest*
 iii) *He succeeded an empress*
 iv) *He was the last emperor in his country*
 Who among the following leaders is referred to by the above statement?
 A. Jomo Kenyatta.
 B. Sobuhza III.
 C. Haile Sellasie.
 D. Milton Obote.
32. The growing of flowers for export is known as:-
 A. farming
 B. floriculture
 C. flowering
 D. horticulture
33. The officer incharge of administering justice in the Buganda kingdom was called:-
 A. Katikiro
 B. Omwanika
 C. Omulamuzi
 D. Bataka
34. Who among the following are **not** Western Bantu?
 A. Abakuria.
 B. Wadawida.
 C. Abasuba.
 D. Abagusii.
35. Kenana plains in Sudan are famous for the production of:-
 A. maize
 B. wheat
 C. sugarcane
 D. bananas
36. Kenya was declared a British Protectorate in:-
 A. 1963
 B. 1960
 C. 1952
 D. 1895

37. Road accidents are common on Kenyan roads **mainly** due to:-
 A. overloading of vehicles
 B. poor roads
 C. carelessness caused by human error
 D. lack of observing road signs
38. Which of these Kenyan towns will experience convectional rainfall?
 A. Embu.
 B. Kilifi.
 C. Nairobi.
 D. Meru.
39. Skills such as medicine and iron working were traditionally taught through:-
 A. reading
 B. writing
 C. listening
 D. apprenticeship
40. The following are human rights. Which one is **not**?
 A. Right to life.
 B. Right to education.
 C. Freedom of worship.
 D. Freedom to smoke.
41. The Dahalo, Burji and the Bajuni are classified as:-
 A. Bantu speakers
 B. Nilotic speakers
 C. Semitic speakers
 D. Cushitic speakers
42. Which of the following is **not** a mass media?
 A. Radio
 B. Television
 C. Newspaper
 D. Telephone
43. Which of these communities is **likely** to fill the box below?
 Teso → Maasai → Njemps → X
 A. Turkana.
 B. Abagusii.
 C. Agikuyu.
 D. Agiriama
44. Fluorspar in Kenya is mined through ___ method.
 A. shaft.
 B. opencast.
 C. dredging.
 D. panning.
45. In which country is Jos plateau located?
 A. Chad.
 B. Niger.
 C. Nigeria.
 D. Guinea.
46. An area represented by a member of parliament is called:-
 A. a constituency
 B. a municipal area
 C. a ward
 D. an urban area
47. Mekatilili wa Menza was a prominent leader in traditional Kenyan society. Which community did she belong to?
 A. Kalenjin.
 B. Giriama.
 C. Luhya.
 D. Maasai.
48. Which one of the following means of transport is the **most** convenient for transporting cement from Athi River to Kisumu?
 A. Pipe.
 B. Railway.
 C. Air.
 D. Road.
49. The following are examples of hard woods. Which one is **not**?
 A. Mvule.
 B. Pine.
 C. Elgon teak.
 D. Meru oak.

50. The ocean current responsible for the formation of a desert to the South-West part of Africa is called:-
 A. Benguela
 B. Guinea
 C. Agulhas
 D. Canary

51. The road sign below is warning drivers about:-



- A. pedestrian crossing
 B. no entry
 C. bumps ahead
 D. a roundabout
52. The winds that bring rainfall to the Cape region of South Africa are the:-
 A. Harmattan
 B. Westerlies
 C. North East trade winds
 D. South-Westerlies
53. One of the following is a manufacturing industry. Which one is it?
 A. Milk processing at Nakuru.
 B. Flour milling in Eldoret.
 C. Sugar milling at Chemilil.
 D. Paper making in Webuye.
54. The capital city of Benin is:-
 A. Luanda
 B. Portnovno
 C. Rabat
 D. Noukchott

55. Which one of the following is **not** a way of solving a dispute?
 A. Asking for forgiveness.
 B. Failing to tolerate other people's views
 C. Involving an arbitrator.
 D. Going to a court of law

56. Why does the government of Kenya **mainly** encourage tourism?
 A. To conserve wildlife
 B. To create employment
 C. It earns foreign exchange
 D. To have good relationship with other countries

57. The **main** factor to consider when setting up a bakery industry is:-
 A. raw material
 B. transport
 C. market
 D. labour

58. Who was the second vice president of Kenya?
 A. Joseph Murumbi.
 B. Daniel Arap Moi.
 C. Oginga Odinga.
 D. Joseph Karanja.

59. The two countries that were never colonised in Africa were Ethiopia and
 A. Mali
 B. Liberia
 C. Senegal
 D. Kenya

60. Which country is **not** crossed by the prime meridian?
 A. Nigeria
 B. Burkina Faso
 C. Mali
 D. Algeria

PART II: RELIGIOUS EDUCATION
SECTION A
CHRISTIAN RELIGIOUS EDUCATION

61. Which of one the following was **not** created by the word of mouth in Genesis chapter 1 and 2?
A. Oceans.
B. Insects.
C. Man.
D. Plants.
62. Who among the following is **not** a patriarch in Israel?
A. Abraham.
B. Joseph.
C. Jacob.
D. Samuel.
63. Who among the following engaged in prostitution?
A. Peninnah
B. Gomer
C. Bethsheba
D. Rebecca
64. Who among the following prophets predicted about a famine in the whole world?
A. Micah.
B. Elijah.
C. Jeremiah
D. Agabus.
65. Why was prophet Nathan angry with king David of Israel? Because he:-
A. was worshiping foreign gods
B. married a foreign woman
C. wanted to build the temple
D. had planned the murder of Uriah
66. Who among the following prophets prophesied about the valley of dry bones?
A. Joel.
B. Ezekiel.
C. Daniel.
D. Elijah.
67. Which one of the following was the 8th plague in Egypt?
A. Darkness
B. Gnats
C. Frogs
D. Death of animals
68. The Shunemite woman's son was brought back to life by prophet:-
A. Elisha.
B. Elijah.
C. Jesus.
D. Amos.
69. What was the name of the special box which was used to carry the stone tablets where laws were written?
A. Synagogue.
B. Temple.
C. Ark.
D. Tabernacle.
70. The following are characteristics of eternal life **except**:-
A. believing in God
B. accepting suffering
C. working miracles
D. being just and fair
71. The **main** lesson that the christians learn from the resurrection of Jesus is to be:-
A. tolerant
B. hopeful
C. obedient
D. kind
72. Which one of the following was a prophecy of Isaiah about the Messiah?
A. Being born of a virgin.
B. Killing of baby boys.
C. Baptism of Jesus.
D. Jesus born in Bethlehem.
73. Complete the following beatitude. Happy are the peacemakers for they:-
A. shall see God
B. shall be blessed
C. shall be called sons of God
D. shall be comforted

74. In which one of the following places did Jesus begin His ministry?
 A. Galilee.
 B. Nazareth.
 C. Bethsaida.
 D. Carpenaum.
75. The following are fruits of the Holy Spirit **except**:-
 A. love
 B. self control
 C. healing
 D. joy
76. Who among the following baptized the Ethiopian Eunuch?
 A. Philip.
 B. James.
 C. John.
 D. Peter.
77. Which one of the following is a historic book?
 A. Luke.
 B. Nehemiah.
 C. Joel.
 D. Matthew.
78. Which one of the following parables teaches christians to be always prepared? The parable of the:-
 A. prodigal son
 B. ten maidens
 C. woman and the judge
 D. Good Samaritan
79. Which one of the following is the **main** teaching on the sermon of the mountain?
 A. The values of christian living.
 B. Suffering of christians on the earth.
 C. How to pray and fast.
 D. Being peaceful.
80. The two disciples on their way to Emmaus recognised Jesus when:-
 A. He talked to them
 B. He broke bread
 C. they saw him
 D. they entered the house
81. Who among the following prophets prophesied about the coming of the Holy Spirit?
 A. Micah.
 B. Joel.
 C. Joshua.
 D. Jeremiah.
82. Which one of the following miracles was performed by Peter at Lydda?
 A. Tabitha was raised.
 B. Healed the crippled Aeneas.
 C. Healed the lame man.
 D. Healed a leper.
83. Which one of the following practices is **not** found in both christianity and traditional African beliefs?
 A. Love portions.
 B. Naming of children.
 C. Marriage practices.
 D. Respect for the dead.
84. Which one of the following traditional African practices can be equated with baptism in christianity?
 A. Naming.
 B. Burial ceremony.
 C. Initiation.
 D. Birth.
85. In both christianity and traditional African societies children are told folk tales **mainly** to:-
 A. keep them busy
 B. entertain them
 C. teach them moral values
 D. teach them about their past
86. Mark never wants to share his books with his deskmate. Which value does he lack?
 A. Humility.
 B. Love.
 C. Kindness.
 D. Honesty.

87. Peninah has been impregnated by an old man near her home. As a christian, what advice should you give Peninah?
 A. Carry out an abortion.
 B. Drop out of school.
 C. Marry the old man.
 D. Give birth and then continue with her studies.
88. Why do christians bring gifts to the church during worship? To:-
 A. show kindness
 B. thank God
 C. help the priest
 D. show unity to the church
89. James came across seven hundred shillings in the playing ground while playing with her classmates. What should she do with the money?
 A. Buy a CRE textbook.
 B. Take it to church as an offering.
 C. Buy food for the orphans.
 D. Find out who the owner is.
90. When was the first mission station established at Rabai?
 A. 1844.
 B. 1900.
 C. 1846.
 D. 1901.
62. Which one of the following Surah's says that man was created in the best shape and mould?
 A. Alaq
 B. Zilzala
 C. Aadiyat
 D. Tiin
63. The **main** lesson of Surah maun is:-
 A. patience
 B. kindness
 C. honesty
 D. love
64. Which one of the following Surahs is the opening chapter of the Quran?
 A. Ikhlas
 B. Nas
 C. Falaq
 D. Fatiha
65. The book of Injeel was given to prophet:-
 A. Musa
 B. Isa
 C. Mohammad
 D. Daud
66. On which of the following occasions is it compulsory to perform ghusl?
 A. After sexual intercourse
 B. After washing the dead
 C. On entering makkah
 D. Before becoming a muslim
67. For how long did the prophet preach secretly?
 A. 7 years
 B. 3 years
 C. 10 years
 D. 27 years
68. The minimum amount of wealth on which zakat must be paid is called:-
 A. sadaqah
 B. zakat
 C. udhu
 D. nisaab

SECTION B
ISLAMIC RELIGIOUS EDUCATION

61. Which one of the following was the first Surah to be revealed to prophet mohammad (S.A.W)?
 A. Alaq
 B. Fatiha
 C. Tiin
 D. Humaza

69. Who among the following is **not** a recipient of zakat?
 A. Orphan
 B. Debtor
 C. Poor
 D. Needy
70. Which one of the following is **not** a ritual of Umrah?
 A. Tawaf
 B. Sa'ay
 C. Ihram
 D. Arafat
71. Which day of the week was prophet mohammad (S.A.W) born?
 A. Tuesday
 B. Friday
 C. Monday
 D. Sunday
72. Muslims must believe in Allah as though they see Him , for if they do not see Him He surely sees them. This is a pillar of:-
 A. Iman
 B. Islam
 C. Religion
 D. Ihsaan
73. An uncle of the prophet who was killed in the battle of uhud was:-
 A. Abu Talib
 B. Abass
 C. Abu Lahab
 D. Hamza
74. Which of the following clothing material is haraam for a muslim man to wear?
 A. Cotton
 B. Silk
 C. Nylon
 D. Wool
75. Which of the following behaviour will promote peace among neighbours?
 A. Honesty
 B. Back biting
 C. Tolerance
 D. Unity
76. Which one of the following was a miracle performed by Nabii Musa?
 A. He made the blind to see
 B. He spoke at infancy
 C. He made a snake from a rod
 D. He healed the leapers
77. Who among the following prophets of Allah lived for over 900 years?
 A. Yunus
 b. Ibrahim
 C. Nuh
 D. Yaqub
78. Calling someone Abdulrasul is:-
 A. blessings
 B. acceptable
 C. very good
 D. not accepted
79. The **main** reason why muslims should not gumble is because it is:-
 A. is a waste of money
 B. breaks families
 C. causes stress
 D. is a commandment from Allah
80. Which of the following pillars of Islam encourages generosity?
 A. Fasting
 B. Prayers
 C. Pilgrimage
 D. Zakkah
81. What would be the **best** course of action for you to take if you found your two friends fighting?
 A. Leave them alone
 B. Help the weak one
 C. Separate them
 D. Call the police
82. Who among the following caliphs of islam was known as Assidiq?
 A. Abubakr
 B. Ali
 C. Umar
 D. Uthman

83. Which among the following days is referred to as "Idd" for muslims?
A. Monday
B. Sunday
C. Thursday
D. Friday
84. Which one of the following is the place of worship for the Jews?
A. Synagogue
B. Church
C. Mosque
D. Tempe
85. Who among the following was the first muslim matyr in the history of islam?
A. Khadijah
B. Summayah
C. Amina
D. Maryam
86. Which one of the following was the clan of prophet mohammad?
A. Banu Thaqif
B. Banu Saad
C. Banu Hashim
D. Banu Qainuqaa
87. The second battle in the history of islam is:-
A. Badr
B. Khandak
C. Uhud
D. Hunain
88. Which one of the following is a role of a mosque?
A. To propagate islam
B. A place for social gathering
C. A place for holding feasts
D. To promote culture
89. Who among the following prophets of Allah is not Ulul-Azm?
A. Musa
B. Nuh
C. Ismail
D. Ibrahim
90. During Isra-wal-miraj, prophet muhammad was taken from makkah to the city of:-
A. Cairo
B. Jerusalem
C. Damascus
D. Baghdad