

**MATHEMATICS**

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

21. (a) Seven million eight hundred and thirty four thousand two hundred and eighty nine and fifty six hundredths.

(b) 4000    (c)  $\frac{9.00}{8.94}$

22. (a)  $\frac{5}{16}$     (b)  $\frac{5}{16}$

(c)  $\frac{5}{16} = 10000 \times \frac{16}{16} = \frac{16 \times 10000}{16} = 32000$

23. (a)  $\frac{1}{11} = 0.090909$   
Answer = 0.09

(b) Recurring

(c)  $100x = 0.090909$     (i)  $100x = 9.0909$   
 $10x = 0.90909$     (ii)  $10x = 9.0909$   
 $100x = 9.0909$      $\frac{99x = 9}{99}$   
(Mark the steps)  $x = \frac{9}{99} = \frac{1}{11}$     Answer =  $\frac{1}{11}$

24. (a) Goats =  $\frac{2}{11}$     (b)  $\frac{11}{11} = 66$   
 $\frac{1}{11} = ?$      $\frac{1}{11} \times 66 = \frac{66}{11} = 6$   
Answer = 6

(c)  $\frac{1}{11} = 66$      $\frac{5}{11} \times 66 = \frac{330}{11} = 30$  cows - 5 = 25  
 $\frac{5}{11} = ?$     Goats  
 $\frac{2}{11} \times 66 = \frac{132}{11} = 12$  - 3 = 9 goats  
25 + 9 = 34 cows and goats

25. a) Ratio increase = N:O  
 $\frac{1000}{4} : \frac{750}{3}$

b) Percentage increase =  $\frac{\text{Increase}}{\text{Original}} \times 100\%$   
 $= \frac{1000 - 750}{750} \times 100\%$   
 $= \frac{250}{750} \times 100\%$   
 $= \frac{33\frac{1}{3}}{3}\%$

26. 3 men = 5 days  
2 men = ?  
 $\frac{3 \times 5}{2} = \frac{15}{2} = 7\frac{1}{2}$  days  
 $7\frac{1}{2} - 5 = \frac{2\frac{1}{2}}{2}$  days

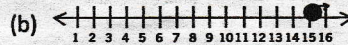
27. a)  $\sqrt{60.42} = 7.7730m$

b) One side = 7.7730m  
Four sides =  $7.7730m \times 4 = 31.092$   
Three strands =  $31.092 \times 3 = 93.276m$

28. Standard form =  $8.62 \times 10^2$

29.  $4x + 2y = 16$      $4x + 2y = 16$      $x = 3$   
 $-3x + 2y = 13$      $12 + 2y = 16$      $y = 3$   
 $\frac{x = 3}{2y = 4}$   
 $\frac{y = 2}{y = 2}$

30. (a)  $P - 3 \geq 12$  or  $P \geq 15$



31. (a)  $(x-2)$  years    (b)  $(3x)$  years

(c) Atieno =  $x + 10$     Mother =  $3x + 10$   
Sister =  $x - 2 + 10$     Total =  $(5x + 28)$  years

32. (a) 80M    (b)  $80 + 150 + 170 = 400m$   
 $400 \times 4 = 1600m$

(c)  $A = \frac{1}{2} \times b \times h = \frac{1}{2} \times 150 \times 80 = 6000m^2$

33. (a)  $V = CA \times H = 8m \times 8m \times 4m = 256m^3$

(b)  $\frac{1}{2} \times 256m^3 = 128m^3$      $1m^3 = 1000$  litres  
 $128m^3 = ?$   
 $= 128,000$  litres

34. (a)  $TT = ET - ST = 2:00 - 11:00 = 3:00 = 3hrs$   
(b) Speed =  $\frac{\text{Distance}}{\text{Time}} = \frac{240 km}{3hrs} = 80 Km/h$

(c)  $5m/s = 80 Km/h$   
 $? = 80 Km/h$   
 $\frac{5 \times 80}{18} = \frac{400}{18} = \frac{222}{9} m/s$

35. a)

Item	sh	cts
3kg sugar @ sh150	450	00
2bars of soaps @ sh 200	400	00
1 1/2 kg or rice for sh 400	400	00
Three match boxes for sh 8	18	00
1/2 kg Margarine for ksh 250	250	00
Total	1518	00

b)  $2000 - 1518 = sh 482$

36. % Discount =  $\frac{\text{Discount}}{\text{Marked Prices}} \times 100\%$   
 $= \frac{120}{1200} \times 100\% = 10\%$

37. Volume =  $\frac{1}{3} \pi r^2 \times H = \frac{22}{7} \times 1.4 \times 1.4 \times 14m = 86.24m^3$

38. a) i) Alternate angle  
ii) Vertically opposite angles  
iii) Angles on a straight line  
iv) Co-interior angles  
b)  $60^\circ$

**ENGLISH**

1. B    8. C    15. D    22. A    29. B  
2. D    9. C    16. B    23. B    30. A  
3. A    10. B    17. C    24. D    31. C  
4. C    11. A    18. A    25. A    32. D  
5. B    12. C    19. D    26. B    33. B  
6. B    13. B    20. C    27. D    34. B  
7. D    14. A    21. D    28. A    35. D

**TASK 1: Oral literature**

a. The story took place during the daytime, as Ahadi went to the forest in search of food. The main locations in the story are the forest, where Ahadi met Mzee Busara, and Ahadi's home, where he used the magical basket.

b. i. Ahadi - He is grateful and excited but also careless as he forgets to return the basket and gives it to a neighbour.

ii. Mzee Busara - He is wise, kind and fair. He helps Ahadi but also ensures he learns a lesson.

iii. Ahadi's neighbor - He is selfish and unhelpful, as he never bothered to assist Ahadi in his time of need.

c. We should be obedient and grateful for the help we receive. Carelessness and disobedience can lead to consequences.

**TASK 2: Poetry**

a. The poem encourages self-belief, kindness, and perseverance in life.

b. "Shine - fine" or "High - shy"

c. The poem is addressing a teenager or anyone who needs encouragement.

d. The poem has two stanzas.

e. Each stanza has four lines.

**Task 3: Class Readers (Excerpt Analysis)**

a. The conversation takes place at home, where the mother is watching TV.

b. Shani recalls the last planned school trip to Zambia that she could not attend due to lack of funds.

c. Shani sees the trip as a great opportunity to travel abroad.

d. The family is struggling financially, as seen when Shani could not afford to travel to Zambia for volleyball.

**KISWAHILI**

1. D    7. C    13. B    19. A    25. C  
2. A    8. D    14. D    20. B    26. C  
3. C    9. B    15. A    21. B    27. A  
4. B    10. B    16. D    22. A    28. D  
5. C    11. C    17. C    23. D    29. B  
6. A    12. A    18. D    24. B    30. C

**Majibu ya Fasihi Simulizi**

a. Mighani

b. i) Mhusika mkuu ni Shujaa

ii) Imetumia chuku kwa wingi

ii) Jamii ya mhusika inakabiliwa

na mgogoro.

iv) Mhusika mkuu anasalitiwa na mtu wa karibu.

c. - kutumia tamadhali mbalimbali za usemi.

- kutumia ishara mbalimbali
- kulgiza matendo ya wahusika
- kupiga chuku matukio.

d. Kilimo, ufugaji

e. - kuhimiza hisia za ujasiri

- Kukuza uzalendo

- Kuonyesha mchango wa mashujaa

-Kuhifadhi historia

- Ni kitambulisho cha jamii.

### Novela

a. Ndani ya baji

b. Uwajibikaji - Mamaye kalekye anawajibika katika malezi. Bidii- Kalekye anajitahidi kufanya bidii chuoni.

-Shinikizo la rika - Vijana wanaasi masomo kutokana na Shinikizo la rika,

-Mshikamano wa kijamii

- Ami yake Kalekaye anamfadhili katika masomo.

c. Mwenye shukrani -Anakumbuka wema wa mama na ami yake

d. Tashbihi - Moyo wa Kalekye ulizidi kumkumbusha mengi

-Tashbihi- mzito kama nanga

-Tanakali za sauti - Machozi

yaliyotishia kumdondoka

dondodondo

-Nahau -kupunga mkono

-Sitiari -Alijitahidi kuwa mdiwa

### Tamthilia

a)Imegawanywa katika maonyesho

-Ina Maelekezo ya jukwaani

-Ploti inaendelezwa kupitia mazungumzo baina ya wahusika.

b) -Ufisadi- wanaotafuta kazi

wanahitajika kutoa hongo.-

Uadilifu- Yohana anasema kuwa asingependelea kazi inayopatikana kwa kutoa hongo.

c) Maelekezo ya jukwaani

d) -Mwadilifu

-Asiyebagua kazi

-Mwenye heshima- anamwamkua

baba yake

-Msomi - Ana shahada ya chuo kikuu

### INTEGRATED SCIENCE

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

### SECTION B

- 21.i. It is a combination of atoms.  
 ii Smallest particle of a substance  
 iii Pure Substance

Compound	Elements	Chemical
Salt	Sodium + Chloride	NaCl
Water	Hydrogen and Oxygen	H <sub>2</sub> O
Carbon Dioxide	Carbon + Oxide	CO <sub>2</sub>

22.i. Skin

ii Lungs

iii Kidney

b. -Drinking plenty of water

- Avoid smoking

- Regular exercise

23.-Gloves

- Scissor

- Antiseptic

- Bandage

24. Temporary change new substance

is formed and can't be reversed.

Permanent a new substance is

formed and cannot be reversed.

25.

26. - Dissolving

- Tilting

- Evaporation

27.i. Aluminium

ii Copper

iii Iron

28. - Speakers -Medical Devices

- Composites

29. - Heat -Light

- Electricity

30. Any correct rules

31.

- Sublimation

- Distillation

- Chromatography

- Solvent extraction

32.

Acids	Bases
Sour taste	Bitter taste
Corrosive	Not corrosive
Turn blue litmus paper red	Turn red litmus blue

33.

-Blood pressure

-Kidney stores

-High blood sugar

-Urinary tract infections

34.

-Cell membrane -allow in and out movement of substances

-Nuclear -facilitates modern function/ chemical functions in the cell

35.

-Respiration

-Nutrition

-Excretion

36.

-Abstinence

-Regular screening

-Safe sex partners

### AGRICULTURE & NUTRITION

- |      |       |       |       |       |
|------|-------|-------|-------|-------|
| 1. A | 7. D  | 13. D | 19. B | 25. C |
| 2. C | 8. B  | 14. C | 20. D | 26. A |
| 3. B | 9. C  | 15. A | 21. C | 27. C |
| 4. D | 10. D | 16. B | 22. A | 28. C |
| 5. B | 11. A | 17. D | 23. B | 29. B |
| 6. A | 12. B | 18. C | 24. D | 30. D |

31.Tyre, drip, multi-storey , wick, container

32. Vegetables, herbs & spices, cereals, fruits & legumes.

33. Convection

34. i) Saves time, space & water used.

ii) Requires less weeding

iii) Doesn't require digging

iv) Generates income incase surplus is sold

35.a) aphid

b) caterpillars

c) cutworms

36. Caterpillars & Cutworms

37. Overstorage

38. i) Root tubers with any green discolouration shouldn't be cooked.

ii) Check for aflatoxin before cooking

iii) Use potholders when handling hot pans.

iv) Don't reach for food in the oven with bare hands.

39. Refers to serving of prepared food in readiness for dining

40. Family service & blue plate service

### SOCIAL STUDIES

#### SECTION A

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

21. i. Social rights

ii. Economic rights.

iii. Political rights

1X3= 3marks

b)

- universal
- inherent
- Indivisible
- Inalienable
- Protected by constitution
- Can be suspended if circumstances demand.

Any 2x1 = 2 marks

22. i) Interdependence refers to the state of dependence of two or more people, countries or things on each other. 1X1= mark

ii) Interconnectedness refers to the state of being connected to each other. 1X1= 1mark

23.

a) Sketch map 1x1= 1 mark

b)

- Education
- Health
- Security

Any 2x1=2 marks

c) Sugarcane 1X1= mark

d) Cool and wet 1x1= 1 mark

24.

- i. Australopithecus
- ii. Homo habilis
- iii. Homo erectus
- iv. Homo sapiens
- v. Homo sapiens sapiens 1 x 4 = 4 marks

b)

i. Provide evidence of human

- ii. evolution  
Provide evidence on physical characteristics and behaviour of early ancestors.

iii) They show Africa as the cradle of humankind

iv) They assist in growth of technology. Any 1 x 2 = 2 marks

25.

a) Peer pressure

- i. Lack of role models / Social support.
- ii. Frustrations in life.
- iii. Accessibility to drugs and substances
- iv. Curiosity or experimentation Any 3x1-3 marks

b) School drop outs

- i. Health related problems including mental health.
- ii. Poor peer-relationships.
- iii. Restless/irritability
- iv. Poor sleep
- v. Tiredness or lack of energy Any 4x1-Luks 266)

26.

- i. Resolving conflicts with friends or family
- ii. Managing stress at school/work place.
- iii. Offering support to a colleague
- iv. Comforting someone who is upset.
- v. Understanding and responding to different personalities Any 3x1- 3 marks

26.a

- i. Identifying the emotions
- ii. Finding out the cause of the emotions
- iii. Accepting your emotional feelings
- iv. Seeking assistance from others.
- v. Building positive emotions
- vi. Engaging in physical activities Any 3x-1= 3 marks.

27.

a) Socio-cultural diversity refers to aspects of culture that com influence individual's interactions with other's from different. Communities/backgrounds. IXI mark

b)

- i. Religion
- ii. Profession
- iii. language
- iv. Level of education
- v. Race
- vi. Preference for music

Any 4x1 = 4marks

28

- i. search for raw materials
- ii. Search for market for their manufactured goods.
- iii. Need to invest surplus capital in Africa.

Any 2x1 = 2 marks

b)

Country	Colonial master
Mozambique	France
Libya	Portugal
Madagascar	Italy

3x1 = 3 marks

29.

- Economic hardships.
  - Influence of mass media
  - Laziness
  - Lack of respect.
  - Different opinions regarding politics, values morals and culture.
  - Peer pressure Any 2x1 = 2 marks

b.

- i. Negotiation.

- ii. Legislation
- iii. Mediation.
- iv. Compromise
- v. Arbitration
- vi. Dialogue Any 2x1 = 2 marks

30.

- i. Invention of writing
- ii. Development of architectural designs.
- iii. Invention of Mathematics and calendar.
- iv. Establishment of creative works
- v. Historic built environments attrad tourists. Any 2x1-2 marks

31.

Slavery is a condition in which one human being is owned by another 1x1=1 mark

b

- i. Existence of political stability.
  - ii. Availability of slaves
  - iii. Availability of deep natural harbours.
  - iv. Boat necking technology
- 3 x 1 =marks

32.

- i. Mombasa
- ii. Kilwa
- iii. SD fala
- iv. Mogadishu
- v. Lamu

Any 2x1 = 2 marks.

33.

- i. Hunting
- ii. weaving
- iii. Ironworks
- iv. Trading
- v. Art and craft
- vi. Crop Cultivation
- vii. Gold mining
- viii. Basketry

Any 3x1-3 marks

34.

a) Population growth refers to the change in number of people in a population either positively or negatively.

b) Early marriages.

- i. Lack of family planning methods
- ii. Cultural preferences
- iii. In Improved medical hearth care. 1x3 = 3 marks

35.a.

- i. Displacement of some communities
- ii. It led to conflicts and wars.
- iii. Increased trade
- iv. Assimilation of some communities
- v. Development of new languages
- vi. Increased population

Any 3 x 1 =3 marks

b.

- i. Climate
- ii. Type of soils
- iii. Urbanisation.
- iv. Mining activities
- v. Government policies
- vi. Relief
- vii. Insecurity
- viii. Transport networks

1X3= 3 marks

36.a.

- i. Speeches
- ii. interviews.
- iii. Artefacts
- iv. Diaries
- v. Manuscripts
- vi. Photographs.
- vii. Word of mouth.

Any 2x1= 2 marks

b.

- i. Radio
- ii. Tapes
- iii. Television
- iv. Text books
- v. Atlases
- vi. Newspapers
- vii. films Any 2x1-2 marks

c.

- i. Keeping in museums
- ii. Storing in National archives
- iii. Building monuments
- iv. Protecting historical buildings
- v. Electronic database
- vi. Oral traditions Any 2x1 = 2 marks.

37.

- i. Hardwork
- ii. Love
- iii. Dedication
- iv. Obedience
- v. Caring
- vi. Responsible Any 2x1 = 2 marks.

b.

- i. Race
- ii. Age
- iii. Political affiliation
- iv. Ethnicity
- v. Religion beliefs
- vi. physical attribute
- vii. Gender
- viii. Culture

Any 2x1 = 2 marks

## PRE-TECHNICAL STUDIES

### SECTION A

1. D 7. A 13. A 19. D 25. B
2. C 8. B 14. B 20. B 26. D
3. A 9. D 15. D 21. C 27. C
4. B 10. C 16. C 22. A 28. B
5. D 11. D 17. A 23. A 29. A
6. C 12. A 18. B 24. C 30. C

### SECTION B

31.

- Do not rust
- produce dull sound on knocking.
- poor Conductors of heat.
- Poor Conductors of electricity.
- are easy to break

32.

- Calculation
- drawing
- playmusic
- send emails

33.

- Making goods and Services available to members of the community.
- providing employment for people in the community.
- equipping skills to workers engaged in Production.
- Improving Standards of living 57 people in the community.

34.

- Linear
- diametral
- radial
- aligned
- angular
- arc length.

35.a.

Its a graphic illustration that accurately depict an image in an exact, reduced or enlarged format.

b.

- Plane Scale
- diagonal scale
- vernier scale
- 36. - Thickness or thinners of a line

37.a.

device used to draw accurate lines or transfer dots and patterns on a workpiece.

b.

- pencil

- marking gauge
- scriber
- Try square.
- dot punch

38

- Do not use lifts
- shout 'fire' 'fire'
- Do not reenter the building until it is declared safe.
- Do not stop for personal belongings
- Call the fire brigade
- attack fire with available appliances or equipment.

39 - Immediate help given to injured Persons at the location where the injury occurred before full medical treatment.

40. - burns

- Smoke Choking:

41.

- Kitchen
- Laboratory
- Garage
- Salon
- shop

42

- Overloading electric sockets
- Lightning sparks where there are no arresters.
- Poor storage of flammable and Combustible substances.
- unattended fires.
- Arson attacks

43

- It is a Criminal act of starting fire with the Intention at damaging or destoring property.

44

- ensure proper wiring and connections.
- Avoid overloading sockets and extension cables
- Install smoke detector and fire alarms
- Keep flammable substances away from fire.

45.a.

Resources used for carrying out economic activities.

b.-land

-labour

- capital

- entrepreneurship

## CREATIVE ARTS & SPORTS

- |      |       |       |
|------|-------|-------|
| 1. A | 8. A  | 15. B |
| 2. D | 9. C  | 16. A |
| 3. B | 10. B | 17. D |
| 4. A | 11. B | 18. C |
| 5. A | 12. B | 19. D |
| 6. C | 13. B | 20. C |
| 7. F | 14. C | 21. D |

### SECTION B 30 MARKS

22. Minim
23. Harmony/melody/pitch/pace
24. Coach/ sports doctor/ sports teacher/ instructor/ designer
25. Theme/characters/plot/dialogue/ spectacle/setting
26. Photo montage
27. Body movement/rhythm/ formations/singers/dancers/ costumes/decores
28. dominance/ rhythm and movement.
29. Employment/entertainment/talent identification/career/
30. Middle/elongate/bunch/bullet
31. 800m/1500m
32. Pacing/strides/recovery/command/ on your marks, go)

33. Metaltip/tail/shaft/grip
34. Warm up activities/removing objects that can hurt

## CRE

### SECTION A

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

### SECTION B (30 MARK)

21. (6 Marks)

- They came to Jericho and Jesus was leaving with his disciples and a large crowd. A blind man called Bartimeus son of Timaeus was sitting by the road. When he heard that Jesus was passing, he began shouting "Jesus son of David, take pity on me." Many people asked him to be quiet. He continued calling . Jesus asked for him and asked what he wanted."I want to see again" he answered "Go your faith has made thee well. "Jesus said. At once he was made well.

(b) (4 marks)

Jesus has power over nature

We should not be ashamed of asking for what we need from God

We should pray for our needs without ceasing.

- We should not allow people to silence us when we need something from God.

22. (4 marks)

- Jesus has power to forgive sins.

- Jesus christ is the Lord of the sabbath.

- Jesus is compassionate and kind.

- We should intercede / seek help for our Friends who are in need.

Jesus Christ has power over sickness and disease.

(b) (4 marks)

Explain the matter to our parents and pack vome for for her.

Ask her to report to the school and seek help.

Share your school supplies with her.

Encourage her and tell her about the word of God.

- Make friends with her so that she is not so lonely:

- Invite her to tour home to play and experience love from your parents.

(c) (2 Mark)

Kindness

Love

23. (5 Marks)

- It established a lasting relationship between God and mankind.

Though this covenant God will bless all nations.

God established a personal relationship with Abraham.

God confirmed his choice of Abraham because of his trust and obedience:

Jesus was a descendant of Abraham and so, the promises made to Abraham were fulfilled in Jesus in the New testament.

(b) (3 marks)

Heifer

Goat

Ram.

(c) (2 Marks)

A flaming torch

A smoking fire pot

## IRE

### SECTION A

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

### SECTION B

21.

- Memorisation
- Writing
- Teaching
- Recitation

22. (a) Belief in Qadar

(b) ii) From Lauhul Mahfudh to Baitul Izza.

(iii) From Baitul Izza to Prophet Muhammad (on earth)

(c) Zaid bin Thaabit.

23. The Qur'an was compiled into a book form during the time of Caliph Abubakkar Swiddiiq

24. Activities that take place in Qur'an competition.

i) "Tartil Qur'an : Reading the accurately without missing even a single vowel.

ii) Hifdhul Qur'an : Memorisation of Qur'an (Surahs or Ayaats)

25 Portions in the Qur'an

114 Surahs

30 Juzuus

7 Manzils

26.i) Makkan (rythmic \$ Poetic) - Madinan (Continious Prose)

ii) Madinan (Devotial Acts) - Makkan (Fundamental articles of faith)

iii) Makkan chapters address - "O you people'

Madinan chapters address- "O you believers'

iv Madinan chapter-Main theme - Islamic Sharia

Makkan chapter -Main theme - Formation of Umma

27. Social relation matters addressed in Kadhis

court today

- Marriage

- Devorce

- Inheritance

28. Wise man Luqmans advice to the Son

i) Allah (S.W.T) : Worship Allah and do not associate Him with anything else.

ii) Deeds: Enjoin good and Forbid evil

iii) Obedience: Obedience to Parents is a condition to obedience to Allah (S.W.T).

29. Two out of the four matters man shall be accountable over, immediately after resurrection-

- His life. How he used it
- His youth how he exhausted it
- His wealth how he earned and spent it
- His knowledge how he acted upon it

30. Reasons for the revelation of revealed scriptures

To wrong wrong doers

To give hope to believers

To guide humankind to straight paths

To provide humankind with the knowledge of Allah

~ To help people understand and appreciate Allah.

To equip believers with the knowledge of the unseen.