

JUNIOR SCHOOL ASSESSMENT

GRADE 9 2025

MARKING SCHEME

MATHEMATICS

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

21. $238.328m^2$

22. a) $\frac{3}{7}$
b) $\frac{4}{7}$
c) 42.86%
d) 0.57

23. $X=5$

$Y=4$

24. $-1 \leq x+3$

25. $T=20d + 50$

26. Ksh. 450,000

Ksh. 270,000

Ksh. 180,000

27. 4 HRS 48 MIN

28. 2.5

29. a) 200
b) 60
c) 300

30. 5%

31. $M=130$
 $N=130$
 $P=50$

32. $SA= 770CM$

33. KHS. 207,769.60

34. CORRECT DIAGRAM

35. a) 12
b) 12
c) 12.17

ENGLISH PAPER 1

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

ENGLISH PAPER 2

- a) Great friends; they stayed together their families shared almost everything; they hunted together. None belonged to either of them.
- b) (i) The drought
(ii) Hyena could have consulted the hare if the two families could collectively eat some of the sheeps.
- c) He started stealing the sheep and feeding his family in darkness
- d) He was not convinced Hyena was telling the truth.
(i) Hiding near the enclosure to see if Hyena was stealing from them.
(ii) Taking the sheep away and hiding at his mother's home; taking some of the animals away.
- e) Dishonesty does not pay

TASK 3

- a). four stanzas
b). I/ High, Ride/side, Go/slow, Red/head

TASK 4: Play

- a) The chief and his entourage arrived late
b) There was an interruption from Luka. This forced the chief to veer off the main topic and explain about functions of the government. MamaMoraa's interruption on need for them to be updated to seed distribution is another issue.

- c) (i) **Patient**: He did not lose his patience inspite of the consistent interruption.
(ii) **Knowledgeable**: He explained about the functions of the government to the group.
- d) **Composed**: He doesn't fumble about in response.
- e) **Responsible**: He actually arrived in the meeting in good time.

TASK 5: NOVELA

- a) It is along the road. Timing is in the evening and the boys were running after another they suspected to have stolen their home made ball.
- b)(i) Memo: A brave and hardworking boy. Very determined seen as a he helps Walter in the race to catch up with the suspect. However, he is scared of the thunder.
(ii) Walter: He is reasonable and mindful of others welfare. He reminded Memo about his fear for thunder and impending bad weather. He also shows the spirit of responsibility as he says they could not leave the young boy there.
- c) He should not have run away. Instead, he should have volunteered to show Memo the contents of his carrier bag earlier. No one would have pursued him.
- d) i) pursuing a wrong suspect
ii) Failure to get the ball
iii) The bad weather that looked eminent
iii) How to handle the situation upon realising their problem

KISWAHILI PAPER 1

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

KISWAHILI PAPER 2

1. wanyama wanachukua nafasi ya binadamu
2. jagina
3. alionekana simba..istiara/tashbihi—nywele sawia na mkonge/_alivumilia kama mkonge-tashbihi

4. kuna fanani/kuna hadhira/kuna wahusika/kuna mandhari.
5. zamani za Kali(wakati)/_ukoloni/ mahali-pwani/hali ya ukoloni
6. ujasiri/mzalendo/shujaa/mwenye imani

NOVELA

1. ujasiri/mzalendo/shujaa/mwenye imani
2. nahau-alitia injini moto/_kungoa nanga/_chuku/tasihisi-gari moshi liliafuna mastafa
3. fupi/huwa na wahusika wachache/ huwa na wazo kuu/huwa na dhamira
4. msuko
5. umuhimu wa safari/hoja yoyote inayoafikiana na sifa za Herina

TAMTHILIA

1. Baba/ Karimi
2. mjanja/ anatubu/ anaheshimu wazazi/ ni muwongo
3. hakufurahishwa na tabia ya karimi kuchelewa kufika nyumbani mapema
4. shuleni/nyumbani/barabarani/usiku/ jioni
5. sahihisha zozote mbili
6. uongo haufai/ukweli husaidia / kusameheana

USHAIRI

1. Tarbia
2. vina / mizani/utao/mleo/mshororo
3. proteni/ wanga/ vitamini
4. lishe bora
5. Ni/ri

INTEGRATED SCIENCE

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

31. It is the smallest particle in a element that cannot be chemically broken.
32. a) neutrons
b) protons
c) electrons
d) join science clubs or competition
e) Apply scientific concepts to problem solving
f) show excitements for science topics
g) Create science related projects
33. Mass number is the sum of protons and neutrons in an element
34. i) - aluminium ii) 27
35. i) 14 II) 14285
III) 2.8.4
36. i) Prosphorous II) 1unstable
III) 15
37. 2 electrons
38. sodium, oxygen, calcium
(correct drawings)
39. i) non metal ii) metal iii) metal
iv) metal
40. i) Malleability is a property that allows metals to be hammered into thin sheets without breaking
ii) Ductability is a property thta allows metals to be stretched and drawn into wires.
iii) Metallic lustre is a property that allows metals to reflect light on their surfaces making them shinny.
41. i) highly ductile
ii) resistant to corrosion
iii) good conductor of electricity
42. A mixture of two or more metals
43. i) Brass- copper and zinc
ii) Duralumin- Aluminium, copper, manganese and magnesium
iii) Bronze- Copper and tin
44. i) They are harder and stronger than pure metal
ii) they are resistant to corrosion
45. i) rust
ii) oxygen
iii) water
iv) iron iii oxide + water____ hydrated iron iii oxide.

AGRICULTURE & NUTRITION

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

SECTION B

- 31.-Mesh fences -innovative lights
- Thorn fences - innovative sound
- safe traps - deflectors
32. - managing sweat
- managing acne and pimples
- regular bathing and changing clothes
- brush teeth twice a day and after meals
- cleaning bedding regularly
- 33.- crotcheting hook
- yarn - a pair of scissors
- tape measure
- 34.- reduces the cost of farming
- Ensures the availability of water for human life and livestock
- Rain water which forms surface run off after heavy downpour is prevented from damaging property.
- 35.- wash vegetables before cutting
- avoid excessive peeling
- store vegetables in air tight containers after cutting them
- avoid overcooking
- cover vegetables with a lid while cooking
36. - mulching
- watering
- shading
- pricking out
- hardening off
pest and disease control
- transplanting
37. - slashing
- tilling
- uprooting
38. - loose coloured clothes should not be soaked to prevent loss of colour
- loose coloured clothes should be washed using a mild detergent to minimize loss of colour
- they should not be wrung to prevent loss of colour
- salt is added to the final rinsing water to fix the colour
- vinegar and lemon can be added to brighten the colour
- they should not be hung inside out under the shade to prevent the colour from fading
- they should not be hung close to or overlapping each to prevent transfer of colour.
39. process of constructing fabric
40. - increase the storage life of produce
- improve the selling price of produce for the farmer
- Reduces the loss of produce after harvesting
- It makes the produce attractive to the customers and therefore increases the demand.
- it makes the crop produce available in the market for a longer time and hence promotes food security,
- makes it possible to store produce in small spaces.

SOCIAL STUDIES

SECTION A

- | | | | |
|------|-------|-------|-------|
| 1. D | 7. A | 13. B | 19. C |
| 2. B | 8. B | 14. A | 20. B |
| 3. A | 9. C | 15. C | |
| 4. C | 10. B | 16. D | |
| 5. D | 11. B | 17. C | |
| 6. A | 12. A | 18. A | |
21. a) Demand for slaves in the middle East
b) Political instability in East Africa
c) Presence of deep natural harbours
e) Good geographical position of the region
f) Boat making industries in the region
22. i) Involves exchange of a commodity for a commodity.
ii) accepted within communities or between individuals
iii) It is not easy to agree on the value of some products
23. Mean = Sum divide by number
37 divide by 7 = 5
24. a) video clip
b) books
c) fill in questionnaires
d) photography
e) print media
25. a) The nebula cloud theory
b) The passing star theory
26. a) French
b) British
c) British
27. a) Education
b) Employment
c) Political instability in Africa
d) Historical factors eg slave trade
e) Globalisation
f) Civil wars and conflicts
g) Religious reasons
28. Addis Ababa, Ethiopia
29. a) Respectful
b) Open minded
c) Critical thinker
d) Problem solver
e) Globalisation
f) Compasionate
g) Adaptable
h) Effective in communication
30. a) Trees have buttress roots
b) trees grow tall
c) trees have thin and smooth barks
d) trees have broad leaves
e) trees form canopies
f) trees are ever green
31. a) occurence od day and night
b) changes in time along different longitudes
c) difference of tides
d) Rising and falling of ocean tides
32. Constitution
33. a) Psychological support- emotional support
b) Social support - Peer support
c) mentorship or coaching
d) Spiritual support
e) career support
34. a) Early stone age
b) middle stone age
c) Late stone age

- 35.a) Medicine- The sick were treated by traditional healers
b).Education- children acquired knowledge and practicals skills which were useful in their lives.
36. a) Forests
b) soil or land
c) water
d) wildlife
e) minerals
f) air
37. a) Geography
b). History
c). Citizenship
38. king
- 39.a) It outlines the structure of government
b). It outlines the laws of Kenya
c). It outlines the human rights
d). It provides ways of resolving conflicts
40. a) Domestic slavery
b) Pawnship or debt bondage
c) Military slavery
d) Chattel slavery
41. a. Title/name f) Edition number
b. Key/legend, Sheet index number
c. compass direction h) map series
d. frame i) grid reference
e. copyright j) publisher
42. a. contour lines
b. Trigonometric station
c. Spot height
d. Layer tinting
43. a. linear scaling
b. statement scale
c. Ratio scale/ representative fraction scale
- 44.a) Improvement in transport and communication
b). Technology
c). International organisations
d). Regional bodies
e). industrialization
45. a) migration
b) high birth rates
c) high fertility rates
d) urbanisation
e) lack of education
f) favourable climate
46. a) Lack of basic needs
b) Mistrust among parents
c) Alcoholism/ Drug abuse
d) lack of communication
e) childlessness
f) interference from extended family

PRE-TECHNICAL STUDIES

SECTION A

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

SECTION B

31. **Metallic materials-** good conductors of electricity
- materials are usually malleable and ductile can be hammered into material and converted into wires

- typically hard and durable (eg. steel, aluminium)

Non metallic materials- Poor conductors of electricity they are insulators.

- non metallic materials tend to be brittle and will shatter or break.
- often softer or more flexible (eg rubber, wood, plastic).

- 32.a). promote creativity and innovation
b). equip learners with problem solving skills
c). provide technical skills leading to several technical career pathways
d). to gain knowledge on personal safety, environment and safety equipments
e) equip learners with digital literacy skills

- 33.a. vernier calipers b. inside calipers
c. outside calipers

- 34.a. architects b. surveyors
c. contractors d. engineers

35. i) graffiti ii) portraits
iii) caricature iv) illustrations
36. i) reduced shrinkage and warping
ii) increased strength and durability
iii) improved workability

37. measuring tapes - compass
- trammel - protractor
- centre punch

38. Government revenue- taxes provide funds like infrastructure, education
Public service- taxes support essential public services like security, roads.

39. i) location- accessibility to customers and suppliers
ii) market demand- understanding the local demand for products
iii) Availability of resources- analyzing the number and strength of competitors in the region

40. 25 weeks
42. - short term financial goal is accomplished in one year or less
- Long term financial goal can take more than 5 years to accomplish.

43. Data is a raw facts with no meaning to user while information is meaningful data with meaning to user.

44. **Input devices** - light pen, magnetic ink character, reader.

Storage devices- dvd, flash disks

Output devices- printer, speakers

45. protecting personal information from unauthorized access.

46. a) scanner b) printer
c) portable hard disk

47. To protect yourself from
- cyberbullying, harassment, identity theft, online scams, privacy breaches exposure to inappropriate content.

48. input data__ processing data__ storage data__ output data.

49. Visual programming languages use graphical elements like blocks or icons to represent code, whereas text based programming languages use written instructions.

50. - improved communication and collaboration

- automation of tasks
- enhanced data management
- increased productivity
- cost saving

CREATIVE ARTS & SPORTS

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

41. - Element of a play
plot, setting, character, theme.

42.a) - social roles - tour
- cultural identity - entertainment

- for education
- pass a message
- b) - source of employment
- job creation
- source of income
- investment opportunity

- 43.i) a) analogous colours
b) complimentary colours
c) primary colours
d) tertiary colours

ii) **Primary** - red, blue, yellow
Secondary- green, purple, violet, orange

44. - pots, vases, cups, beads, sculptures, ornaments, plates.

b) pots-cooking- vases- decoration
sculptor- decoration-cups- drinking
- ornament- wall decorations

45. footballer - athletes
- sports nutritionist
- sports manager
- sports journalist
- stadium manager

46. - jogging - stretching arms
- push ups - Ball juggling
- javelin

- 47.a) - football - basketball
- volleyball - netball

- b) athletics - short put
- javelin - discus
- hammer throw

- long jump
c) Dribbling - Trapping
- Trapping - stopping

48. a) 400 metres - 800 metres
- 1500 metres

- b) Football - 11
volleyball - 6
c) to pass the ball to the team mates easily

- for recognition
- d) 5000 meters - 10000 meters
- marathon

50. a) drawings - paintings
- collage - mosaic
- montage

- b) shape - form
- tone/value texture
- colour

- c) - proportion - harmony
- layout - overlap
- rhythm and movement
- balance

C.R.E

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

1. -Love, joy, peace, gentleness, self control, faithfulness, patience, kindness, goodness.
2. a) causes close intimacy relationship with God
 - b) So as not to fall into temptation.
 - c) to express gratitude for blessings.
 - d) seek guidance and forgiveness
 - e) find comfort in difficult times.
 - f) to confess sins and seek forgiveness.
3. a) donate food, clothes
 - b) kind words and gestures
 - c) Giving a drink to the thirsty .
 - d) visiting the sick in hospitals
 - e) taking care of the sick.
 - f) encouraging other people.
4. - provide basic needs
 - provide security
 - guide them to be disciplined
 - show them love
 - provide education
 - help children make right choices
5. a) Respect our parents
 - b) listening to advice from parents and guardian
 - c) Seeking guidance and cancelling when conflicts arise
 - d) Avoid vices such as gossip, complainers, and fault finding.
 - e) setting and sticking to personal goals by working hard.
6. a) Rape- forcing someone to have sexual intercourse without their consent.
 - b) Incest- Sexual contact between family members or blood relatives.
 - c) Prostitution- Engaging in sexual intercourse for exchange of money
 - d) Adultery- Having sex with a married partner
 - e) Fornication- sexual intercourse between unmarried partners
 - f) Homosexuality - Sexual intercourse between same sex
 - g) Lesbianism- sexual intercourse between two females.
7. a) poverty
 - b) unemployment
 - c) lack of support from the father.
 - d) disruption of education
 - e) health concerns
 - f) fear of what society might say
 - g) low self esteem

8. 1) Tolerance - ability to bear with others
- 2) Honesty- being truthful at all times
- 3) Faithfulness- being trustworthy and loyal
- iv) Diligence- Being hardworking
- v) Fairness- Treating people equally without favour or discrimination.
9. a) to earn a living
- b) To provide the basic needs
- c) Helps to gain sense of satisfaction.
- d) to cover bills
- e) To be independent
- f) To be part of and contribute to their communities
- g) To be trusted
10. a) poverty d) peer influence
- b) culture e) lack of knowledge
- f) sexual abuse
11. love, tolerance, peace, respect, fairness, humility
12. a) Reading the bible
 - b) cooking
 - c) participating in sporting activities
 - e) knitting
 - f) visiting the sick
 - g) dancing to gospel music.
 - h) Attending christian ceremonies.

I.R.E

- | | | | |
|------|-------|-------|-------|
| 1. C | 6. C | 11. A | 16. B |
| 2. B | 7. A | 12. B | 17. C |
| 3. D | 8. D | 13. B | 18. C |
| 4. B | 9. D | 14. A | 19. A |
| 5. B | 10. B | 15. D | 20. C |
21. a. It is a virtue that earns rewards
 - b. it promotes peaceful co-existence
 - c. it strengthens taqwa
 - d. one gets closer to Allah (swt)
 - e. it promotes integrity in the society
 - f. promotes love among muslims
 - g. it keeps one away from hypocrisy
 22. a) Tahajjud- Is a sunna prayer performed between midnight and Fajr. Has no specific number of rakats but prayed in sets of two.
 - b) Tahiyatu masjid- Is a prayer of salutation of the mosque. its two rakat performed immediately on enters the mosque.
 - c) Dhuha- This is a day break prayer performed after sunrise and before noon. Has a maximum number of rakat are eight prayed in a set of two.
 - d) Kusuf- Is a sunna prayer performed during the eclipse of the sun and its a two rakat prayer.
 - e) Istisqa- It is a sunna prayer performed to seek for rain and mercy of Allah.
 - f) Istikhara- It is a sunnah prayer performed to seek Allah's guidance on the right action. Its a two rakat prayers.

23. - Spying on others is prohibited in islam
 - Human beings come from the same origin.
 - Believers should avoid making hasty decisions.
 - Believers should not mock or ridicule others
 - Believers should always verify information before acting on it.
 - Believers should avoid conflicts and quarrels
 - Believers should show respect to their leaders.
24. - Quran uses similes, parables, rhetoric questions, oaths, narrative styles, direct address, rhyming words.
25. - More copies were printed
 - Quran has been recorded on audios
 - Quranic competitions
 - Establishment of Quranic radio stations etc.
26. - muslim should respect each other's right.
 - both joyous and sad times call for kindness to each other.
 - Muslims should support each other in lawful acts.
 - Muslims should be kind to one another.
27. - engaging in charitable acts
 - practising compassion and empathy
 - Avoiding harmful behaviours
 - Maintaining strong moral values
 - practising forgiveness
28. - Its language and styles
 - Has no contradiction with most advanced sound discovery of science.
 - it answers important questions in life
 - Its fulfillment of all its prophecies
 - It remains unchanged.
29. - opposition from governor of Syria
 - lack of support from prominent Swahaba.
 - constant rebellion and civil wars
 - Rivalry between Banu Umayyah and Banu Hashim clans
 - Incompetent Swahabas appointed by Caliph
30. - Makes a muslim become steadfast in Ibaada
 - Instill the virtue of patience
 - instills virtue of responsibility
 - It eradicates superstitious beliefs
 - removes envy and jealousy
31. Should be of sound mind, mature, free from menses, not a traveller, have right intention, not sick.
32. a. Death of Hadith
 - b. Fabrication of Hadith
 - c. Hadith as a source of Shariah
 - d. Increase in population
 - e. Preservation of Islamic teachings
 - f. Diversity of opinions
 - g. Rise of political divisions.