



TARGETER WINGS JUNIOR SECONDARY SCHOOL ASSESSMENT GRADE 7 - 2024 MARKING SCHEME

Wings
001

MATHS

1.
$$\begin{array}{r} 2000000 \\ 202000 \\ \underline{202} \\ 2202202 \end{array}$$
 (2mks)
2.
$$\begin{array}{r} 87430 \\ 30478 \\ \underline{56952} \end{array}$$
 (2mks)
3.
$$L = \sqrt{1024m^2}$$

$$L = 32m$$
4. Boys = 0.45
Girls = 0.55
$$\frac{55}{100} \times 100 = 55\%$$
5. $140 + 90 - 30 \times 24 \div 6$
BODMAS (Divide)
 $= 140 + 90 - \frac{30 \times 4}{}$
multiply
 $= 140 + 90 - 120$
Add
 $= 230 - 120$ (2mks)
Subtract
 $= 110$
6. 18 reciprocal = $\frac{1}{18}$ (2mks)
7. LCM $\begin{array}{cccc} 2 & 6 & 16 & 28 \\ 2 & 3 & 8 & 14 \\ 2 & 3 & 4 & 7 \\ 3 & 3 & 1 & 7 \\ 7 & 1 & 1 & 7 \\ 1 & 1 & 1 & 1 \end{array}$
 $2 \times 2 \times 2 \times 3 \times 7 = 168$ (2mks)
8. $54.158/6$ (3dp) (2mks)
 $= 54.159$
9. $23 + 29 = 52$ (2mks)
10. $5.46 \times 43 \text{bags} = 23478 \text{bags}$ (2mks)
11. 22cm 5mm
 $22\text{cm in mm} = 22 \times 10\text{mm}$
 $= 220\text{mm}$
 $220\text{mm} + 5\text{mm} = 225\text{mm}$
1 spoon = 225mm
10 spoons = ?
 $\frac{10 \text{ spoons} \times 225\text{mm}}{1 \text{ spoon}} = 2250\text{mm}$ (2mks)
12.
$$\begin{array}{l} 10\text{cm} \\ \text{A} \quad | \quad 15\text{cm} \\ \text{B} \quad | \quad 15\text{cm} \\ \hline 20\text{cm} \end{array}$$

Area = L x W
 $15\text{cm} \times 10\text{cm} = 150\text{cm}^2$
Area = L X W
 $20\text{cm} \times 15\text{cm} = 300\text{cm}^2$
 $150\text{cm}^2 + 300\text{cm}^2 = 450\text{cm}^2$

13. Area of the shaded part
 $\frac{1}{2} \times \text{base} \times \text{height}$
 $A = \frac{1}{2} \times 20\text{cm} \times 12 \times \text{cm}$
 $= 120\text{cm}^2$
14. $15\text{kg} - 8\frac{1}{2}\text{kg}$
$$\frac{15}{1} - \frac{17}{2} = \frac{30}{2} - \frac{17}{2} = \frac{13}{2}$$

 $= 6\frac{1}{2}\text{kg}$
15. $x = 42^\circ + 90^\circ = 180^\circ$
 $x + 132^\circ = 180^\circ$
 $x = 180^\circ - 132^\circ$
 $x = 48^\circ$
16. $\frac{2y}{2} + 5 = 7$
 $2y = 7 - 5$
 $2y = 2$
 $y = 2 \times \frac{2}{2}$
 $y = 2$
17. Buying price = S.P. + loss
B.P. = 2450 + 550
= 3000/=
18. 1 tonne = 1000kg
2 tonnes = 2000kg
 $\frac{2000\text{kg}}{5\text{kg}} = 400 \text{packets}$
19. $C = \frac{\pi}{7} D$ radius = 14cm
Diameter = 28cm
 $C = \frac{22}{7} \times 28 = 88\text{cm}$
20. 12.10cm = 0010hrs
21. $65 \times 2 = 130$
 $\frac{165}{5} = 33$
shs. 300
shs. 500 - 300 = 200
22. Volume = L x w x h
 $= 13\text{cm} \times 10\text{cm} \times 14\text{cm}$
 $= 1820\text{cm}^3$
23. 1 week = 45 litres
2 weeks = 45L x 3
 $= 135 \text{litres}$
1L = 100ml
135L = ?
 $\frac{135\text{L} \times 1000\text{ml}}{1\text{L}} = 135000\text{ML}$
24. 4 faces + 6 edges + 4 vertices
 $= 14$
25. Monday = 130
Tuesday = 150
Wednesday = 145
Thursday = 125
Friday = 150
= 700

ENGLISH

1. It is the longest term of the school calendar.
2. To cheer their side / house.
3. The referee.
4. The match time ended without a winner.
5. Respected / important / expensive/ reputable etc.
6. They cultivated crops and kept livestock / They were farmers.
7. His wife was expectant / pregnant.
8. The ogre's belly was bulgy / He suspected that the ogre had swallowed the twins.
9. Panting / breathing with difficulty / gasping / breathless.
10. ungrateful
11. a) talking to each other
b) showing pity
12. show surprise, shock
13. we should be grateful and thankful.
14. fire 15. the world will end in fire
16. desire fire twice ice
17. the world ending by ice.
18. in a school / learning institution.
19. she blames wind for the missing signboard.
20. he is suspicious student.
21. the wind was not to blame for the missing signboard.
22. laid 23. began 24. written
25. put up 26. keep up 27. came across
28. attentively 29. steadily 30. strongly
31. or B. besides 33. since 34. to

KISWAHILI

1. Alikuwa mzembe / hakupenda kufanya kazi.
2. Alihepa kuwasaidia wenzake kazi.
3. Alikuwa ana ila ya upumbuvu na ulafi.
4. Kumlipa kila mnyama aliyefanya kazi.
5. Kujisitiri
6. Kumuaibisha au kumrembesha mwanadamu.
7. C 8. B
9. Kwa sasa jinsia zote ni sawa
10. Watoto wote, wa kike au wa kiume wote ni sawa.
11. Kupewa malezi mazuri / kutopigwa mwalimu atathmini.
12. Mahali mahususi ambapo tukio hufanyika.

Marking scheme

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

Grade 7

13. D 14. C 15. A 16. B 17. C
 18. maziwa 19. ufukara
 20. iv, i, ii, iii, v 21. buriani dawa
 22. yeye 23. Hawa
 24. Miti ina manufaa mengi: Hutupatia matunda, hurembesha mazingira na kusafisha hewa.
 25. Mwalimu atathmini sentensi za wanafunzi.
 26. Maasi yao yalisababisha wafungwe magerezani.
 27. Patakapofanyiwa mkutano pamepangwa na wanafunzi.
 28. Charo na Mwajuma wanasomeana insha walizoandika.
 29. Zainabu ni msichana Mwovu
 30. Mwalimu atathmini sentensi za wanafunzi.

INTEGRATED SCIENCE

- A. Fibrous B. Tap
- hip broaden.
- menstruation flow starts.
- enlargement of breast.
- increase in weight and height.
- (a) Definition - Computer application used for organising, analysing and storing data in tables.
(b) Uses - To create documents in tables.
- To perform operations.
- Reduce - Use of water when necessary to minimize on wastage.
Reusing - Using water that has been already used for a different function.
Recycling - Returning water to its purest form for purposeful use.
- Biology, Physics, Chemistry
- Nitrogen
- Making food for plants.
- Preservation of soft drinks.
- Making fire extinguishers.
- Streaming
- Use of roller
- Use of ball bearing
- Smoothing the surface
- Using lubricant
- a) Periscope
b) R
- Regular reflection, Irregular reflection
- Arteries carry blood away from the heart while veins carry blood into the heart.
- Arteries lack valves while veins have valves.
- Doctor
- Teaching
- Engineering
- Nursing

HEALTH EDUCATION

- a) Health - State of being free from illness or injury.
b) Health Education - Scientific study that promotes understanding or how to maintain good health of an individual and the society of community.
- Eating balanced diet
- Exercising
- Getting enough sleep
- Enables one to live a health life.
- Helps in building a healthy society.
- Helps people to take good care of the environment.
- Improves one's physical, mental, emotional and social health.
- Nutritional diseases.
- Communicable diseases.
- Waterborne diseases.
- Immunisable diseases.
- Nutritionist - Nurse
- Doctor - Physiotherapist
- Cleaning the environment.
- Reducing environmental pollution.
- Creating awareness on good health
- Protein - Promotes growth and development.
Carbohydrates - Provide the body with energy.
Vitamins - Protect body against diseases.
- Regulate body temperature and prevents dehydration.

SOCIAL STUDIES & LIFESKILLS

- History - Geography
- Citizenship and governance
- Baganda Batoro
Bagisu Banyankole Bachiga
- Rainfall - Wind
- Temperature - Sunshine
- Air pressure - Humidity
- Francis of Asisi - Eritrea
Fort Jesus - Kenya
Namugongo Shrine - Uganda
Roman Kiosk - Sudan
- Climate
- Soil
- Government police
- Economic factors e.g. industries, mines, plantation, irrigation schemes
- A clan: Group of people with a common ancestor.
Age group: A group of people born almost at the same time.
Age set - A group of people initiated at the same time.
- Gold - Tanzania
Limestone - Uganda
Petroleum - Turkana, Ugamia, Kenya
Soda ash - L. Magadi - Kenya

- Apprenticeship - Use of riddles
- Use of proverbs - Use of songs
- Use of stories
- Having an accurate understanding of ourselves.
- Kabaka - King
Katikiro - Prime Minister
Omulamuzi - Chief Justice
Omwaniika - Treasurer
- A talent is an inborn ability within a person which make them excel in a certain activity while ability is someone's capacity to do something which is acquired through constant practise and training.
- Kenya - Uganda - Tanzania
- Tropic of Cancer - Equator
- Tropic of Capricorn
- Madagascar
- Geology - Law
- Teaching - Survey
- Archaeology - Aviation
- Meteorology - Climatology
- Believes in his or her own capacities to solve problems.
- Is able to make choices easily.
- Is not afraid to express his or her own feelings.
- Is comfortable with change.
- Enjoy healthy relationships.

C.R.E.

- Christian Religious Educations deals with how God reveals Himself to human beings and how human beings relates with other human beings.
- It helps one to develop a sense of self-respect and respect for others.
- It helps us to acquire Christian values.
- It helps one to appreciate other religions.
- It prepares one for further studies.
- Love and support others.
- Share what I have with others.
- Appreciating each other.
- Helping one another.
- Respect Love
Responsibility Humility
- Day 1 - Light and darkness
2 - The sky
3 - Land and sea, all kinds of plants.
4 - Sun, moon and stars
5 - Birds and sea creatures.
6 - All kinds of animals, domestic and wild.
7 - God rested
- (i) To cultivate and guard it.
(ii) To protect all God's creation in the Garden of Eden.