



BRAINWAVE K.C.P.E EXAMINATION PANEL

STANDARD EIGHT - YEAR 2022

MARKING SCHEME

003

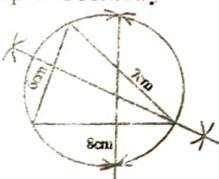
| | | |
|---|---|---|
| <p>1. Topic: Whole numbers</p> $\begin{array}{r} 500000 \\ 303000 \\ 400 \\ \hline 4 \end{array}$ <p>5303404</p> <p style="text-align: right;">Answer is B</p> | <p>$4x + 3x - 4 = 24$ Put like terms together $4x + 3x = 24 + 4$ $\frac{7x}{7} = \frac{28}{7} = x = 4$</p> <p style="text-align: center;">Answer is C</p> | <p>15. $3700 = 92\frac{1}{2}\%$ $? = 95\%$</p> $= 3700^{20} \times 95 \times \frac{2}{185} = 3800$ <p style="text-align: right;">Answer is B</p> |
| <p>2. Topic: Whole numbers</p> <p>Total value of digit 4 is 40 Total value of digit 8 is 8000 $\frac{8000}{200} = 200$ times</p> <p style="text-align: right;">Answer is C</p> | <p>10. Topic: Percentage</p> <p>Increase by 20% $12000 = 100\%$ $?? = 120\%$ $= \frac{12000 \times 120}{100} = 14400$</p> <p>Decrease by 20% $14400 = 100\%$ $?? = 80\%$ $= \frac{14400 \times 80}{100} = 11520$</p> <p style="text-align: right;">Answer is D</p> | <p>16. Topic: Volume and capacity</p> <p>Get the volume $V = pr^2 \times h$ $= \frac{22}{7} \times 2.1 \times 2.1 \times 3 = 41.58m^3$ $1m^3 = 1000Lit$ $41.58 \times 1000 = 51580$</p> <p style="text-align: right;">Answer is C</p> |
| <p>3. Topic: Decimals</p> $49 \overset{1}{3} \overset{1}{9} 785$ <p>$494(1)^0 = 494.0$</p> <p style="text-align: right;">Answer is D</p> | <p>11. Topic: Time</p> <p>Ending time = starting time + Duration</p> $\begin{array}{r} 10:30pm \\ + 8.45 \\ \hline 19.15 \\ - 12.00 \\ \hline 7.15am \end{array} = 0715hr$ <p style="text-align: right;">Answer is A</p> | <p>17. Topic: Ratio and fraction</p> <p>$30000 : 25000$ Simplify; $\frac{30000}{25000} = \frac{6}{5} = 6:5$</p> <p style="text-align: right;">Answer is D</p> |
| <p>4. Topic: Whole numbers</p> $1.44 \times 0.36 \times 1000$ 0.009×1000 $= \frac{144 \times 36}{9 \times 10} = \frac{576}{10} = 57.6$ <p style="text-align: right;">Answer is B</p> | <p>12. Topic: Mass</p> <p>Change 1.2 tonnes into grams $1.2 \times 1000000 = 12000000g$ $\frac{1}{3}$ of 1200000 = $\frac{4000000}{3} = 800000$ Rest $\frac{1}{3}$ of 1200000 = $\frac{800000}{250} = 3200$ $800 + 3200 = 4000$</p> <p style="text-align: right;">Answer is B</p> | <p>18. Topic: Model making</p> <p>Faces = 30, Vertices = 6 Edges = 9. Product of faces and vertices $5 \times 6 = 50$</p> <p style="text-align: right;">Answer is B</p> |
| <p>5. Topic: Whole numbers</p> <p>L.C.M is 120 G.C.D is 3 $120 - 3 = 117$</p> <p style="text-align: right;">Answer is A</p> | <p>13. Topic: Area</p> <p>Area of a trapezium $= \frac{1}{2} \times (a+b) \times h$ $= \frac{1}{2} \times 200 \times 50 = 5000m^2$ $1ha = 10000m^2$ $\frac{5000}{10000} = 0.5ha$</p> <p style="text-align: right;">Answer is B</p> | <p>19. Maize = 0.12 Beans = 0.25 Fruits = 0.30 Total = 0.67 Potatoes = $1 - 0.67 = 0.33$ Potatoes = $\frac{33}{100} \times \frac{48}{10} = \frac{1584}{1000}$ $= 1.584$</p> <p style="text-align: right;">Answer is A</p> |
| <p>6. Topic: Fractions</p> $\left(\frac{2}{7}\right)^2 = \frac{5}{2} \times \frac{5}{5} = \frac{25}{4}$ $\sqrt{\frac{17}{9}} = \sqrt{\frac{16}{9}} = \frac{4}{3}$ $\frac{25}{4} - \frac{4}{3} = \frac{75-16}{12} = \frac{59}{12} = 4\frac{11}{12}$ <p style="text-align: right;">Answer is D</p> | <p>14. Topic: Geometry</p> <p>Use pythagorean theorem to get the length $a^2 = c^2 - b^2$ $20^2 - 12^2$ $400 - 144$ $a^2 = 256$ $a = \sqrt{256} = a = \sqrt{256} = 16$ Area of a rectangle $= \text{length} \times \text{width}$ $= 16 \times 12 = 192cm^2$ half of its area $= \frac{1}{2} \text{ of } 192 = 96cm^2$</p> <p style="text-align: right;">Answer is A</p> | <p>20. $6 \times 9\frac{5}{6}$</p> $61 \times \frac{59}{6} = 59$ <p>Add: $6 + 12 + 7 + 8 + 15 = 48$ The sixth number is $59 - 48 = 11$ Arrange the numbers in ascending order 6, 7, 8, 11, 12, 15. Median = $\frac{8 + 11}{2} = \frac{19}{2} = 9.5$</p> <p style="text-align: right;">Answer is C</p> |
| <p>7. Topic: Whole numbers</p> $\begin{array}{ccccccc} 184 & 120 & 71 & 35 & & & \\ & \swarrow & \downarrow & \swarrow & \downarrow & \swarrow & \downarrow \\ & 64 & 49 & 36 & 25 & & \\ & 8^2 & 7^2 & 6^2 & 5^2 & & \end{array}$ <p>$35 - 25 = 10$</p> <p style="text-align: right;">Answer is C</p> | <p>21. Topic: Geometry</p> <p>The figure has two isosceles triangle. Angle QST = 180 - Angle QSR $= 180 - 35$ $= 145^\circ$</p> <p style="text-align: right;">Answer is A</p> | <p>22. Topic: temperature.</p> <p>$15^\circ c$ below freezing point = $-15^\circ c$ from $0^\circ c$ to $70^\circ c$, the rise is $70^\circ c$ Total rise in temperature = $15^\circ c + 70^\circ c$ $= 85^\circ c$</p> <p style="text-align: right;">Answer is B</p> |
| <p>8. Topic: Fractions</p> <p>BODMAS</p> <p>(i) Work out brackets. $\frac{1}{2} - \frac{1}{8} = \frac{4-1}{8} = \frac{3}{8}$ $\frac{8}{15}$ of $\frac{3}{8} + \frac{3}{4} + \frac{5}{6}$</p> <p>(ii) work out 'of' $\frac{8}{15}$ of $\frac{3}{8} = \frac{18}{155} \times \frac{15}{81} = \frac{1}{5}$ $\frac{1}{5} + \frac{3}{4} + \frac{3}{8}$</p> <p>(iii) work out 'division' $\frac{3}{4} \div \frac{5}{8} = \frac{3 \times 2}{4 \times 5} = \frac{3}{10}$ $\frac{1}{5} + \frac{3}{10}$</p> <p>(iii) work out 'addition' $\frac{1}{5} + \frac{3}{10} = \frac{2+3}{10} = \frac{5}{10} = \frac{1}{2}$</p> <p style="text-align: right;">Answer is B</p> | <p>9. Multiply every part of the equation by the denominator</p> $x^{24} + \frac{(3x-4)x^{41}}{4} = 6 \times 4$ | |

23. Topic: Time and Speed
 Time = $\frac{\text{distance}}{\text{speed}}$
 $= \frac{225\text{km}}{90\text{km/h}} = 2\text{h } 45\text{min}$
 Ending time = starting time + duration
 $= 10.05\text{am} + 2.45$
 $= 12.50\text{pm}$
 The correct answer is **D**

24. Work out the numerator first
 BODMAS
 (i) Work out division
 $0.4 \div 0.5 = \frac{4}{10} \div \frac{5}{10} = \frac{4}{10} \times \frac{10}{5}$
 $= 0.8 + 0.8 - 0.12$
 (ii) Work out addition
 $0.8 + 0.8 = 1.6$
 $1.6 - 0.12 = 1.48$
 Numerator = 1.48
 $\frac{1.48}{0.04} = 37$
 Answer is **D**

25. Topic: Perimeter
 Get the curved distances
 $= \frac{1}{2} \times 11^2 \times \frac{2\pi}{360} = 28^4 = 44$
 Add the distance round
 $44 + 14 + 11 + 7 = 76$
 Answer is **D**

26. Topic: proportion
 Men days
 12 15
 ? 10
 $= \frac{12 \times 15}{10} = 18$ men
 How many more men 18 men - 12 men
 $= 6$ men
 Answer is **C**

27. Topic: Geometry

 Bisect any two lines use the point of intersection as the centres of the circle
 The radius is 4.2cm
 Answer is **D**

28. January = 31 - 7 = 24 days
 February = 29 days
 March = 15 days
 Total = 68 days
 Answer is **68**

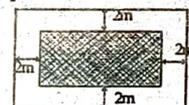
29. Topic: Money
 Total earning = salary + commission
 Salary = 18000
 commission = $\frac{2}{100} \times 42000$ (what is above 80000)

= 16800
 $= 18,000 + 16800 = 34800$
 Answer is **B**

30. Topic: Algebra
 $\frac{1}{2}(18m + 42n) = 9m + 21n$
 $\frac{1}{2}(18m - 18n) = 15m - 15n$
 $9m + 18n + 15n - 15n$
 Put the like terms together
 $9m + 15m + 18n - 15n$
 $= 24m + 3n$ Answer is **B**

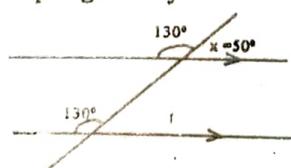
31. Topic money
 Hire purchase price is 25% more than the cash price
 $8000 = 100\%$
 $\times 125\%$
 $= \text{Sh. } 10000$
 Monthly instalments = H.P.P - Deposit
 $= 10,000 - 1000 = 9000$
 Amount per instalment = $\frac{\text{Total monthly instalments}}{\text{No. of months}}$
 $= \frac{9000}{20} = 450$ Answer is **C**

32. Topic Geometry
 Properties of rhombus
 (i) All sides equal
 (ii) Diagonals not equal
 (iii) Diagonals bisect at right angles
 (iv) Opposite angles are equal
 Answer is **B**

33. Topic: Area

 Length of the carpet; 18 - 4 = 14
 Width of the carpet; 15 - 4 = 11
 Area = Length x width
 $= 14 \times 11 = 154\text{m}^2$
 Answer is **B**

34. Buying price = 3 x 200 = 600
 Selling price = 80 x 10 = 800
 Percentage profit = $\frac{\text{Profit}}{\text{B.P}} \times 100$
 $= \frac{200}{600} \times 100\% = 33\frac{1}{3}\%$
 Answer is **A**

35. Topic volume and capacity
 Volume = area of the triangular cross section x length
 $= \frac{1}{2} \times 8 \times 6 \times 5 = 120\text{cm}^3$
 Answer is **C**

36. Topic: geometry

 Angle x = 180 - 130 = 50
 Answer is **A**

37. Topic: Ratio and Proportion
 0.3cm rep 15km
 Remove the decimal by multiplying both sides by 10
 3cm by 150km
 Harmonise the units
 3cm rep 15000000cm
 Simplify: 3cm rep 15000000cm
 Simplify: 1cm rep 5000000cm
 1:5000000 Answer is **D**

38.

| Mon | Tue | Wed | Thu | Fri | Sat | Sun | |
|-----|-----|-----|-----|-----|-----|-----|----------|
| 24 | 24 | 26 | 27 | 28 | 29 | 30 | Dec 2007 |
| 31 | 1 | 2 | 3 | 4 | 5 | 6 | Jan 2008 |
| 7 | 8 | 9 | 10 | 11 | 12 | 13 | Feb 2008 |
| 14 | 15 | 16 | 17 | 18 | 19 | 20 | March |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | |
| 28 | 29 | 30 | 31 | 1 | 2 | 3 | |
| 4 | 5 | 6 | 7 | 8 | 9 | 10 | |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | |
| 18 | 19 | 20 | 21 | 22 | 23 | 24 | |
| 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | |
| 8 | 9 | 10 | 11 | 12 | 13 | 14 | |

The answer is **A** Monday

39. Express it as a fraction first
 $2\frac{1}{2}\% = \frac{9}{100}$
 As a ratio = 9:100
 Answer is **C**

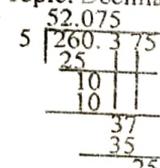
40. Topic: Length, perimeter and Area
 Changes 3.24 hectares to m^2
 $3.24 \times 10000 = 32400\text{m}^2$
 On side of the square
 $= \sqrt{324000} = 180$
 Perimeter = 180 x 4 = 720m
 Length of wire = Perimeter x No. of Strands
 $= 720 \times 4 = 2880\text{m}$
 Answer is **A**

41. Topic: Algebra
 Find the value of x
 $2x + 4 = x + 12$
 $2x - x = 12 - 4$ x = 8
 Length = 20cm
 Width = 13cm
 Perimeter = 2(length + width)
 $= 2(20 + 13) = 2 \times 33 = 66\text{cm}$
 Answer is **A**

42. Topic Simple interest
 = Principal x rate x time
 $= 72000 \times \frac{12}{100} \times \frac{15}{12} = 12960$
 Amount = principal + interest
 $= 72000 + 12960 = \text{Sh. } 84,960$
 Answer is **A**

43. Topic: Capacity
 34 pupils x 2 packets x 2dl
 $= 136\text{dl}$
 1lit = 10dl
 $135\text{dl} = 13.6\text{litres}$
 Answer is **B**

44. Topic: Ratio
 Boys Girls
 4 : 5
 $\frac{4}{9} : \frac{5}{9}$ 6 = $\frac{1}{9}$
 $= \frac{1}{9} = 54$ pupils
 Answer is **D**

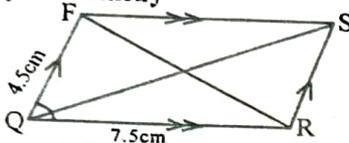
45. Topic: Decimals

 Place value of digit 7 - hundredths
 Answer is **C**

46. Topic: Table and graphs
 $160^\circ + 130^\circ = 290^\circ$
 $360^\circ - 270^\circ = 90^\circ$
 Education than transport: $160^\circ - 70^\circ = 90^\circ$
 $\frac{90}{360} \times 18000 = \text{Sh.}4500$

47. Topic: Table and graphs
 Mwangi's age = y
 Najala's age = $y - 4$
 Mwangi age is ten years : $y + 10$
 Najala's age in ten years = $y - 4 + 10 = y + 6$
 total = $y + 10 + y + y = 2y + 16$

48. Topic: Averages
 Modal size the most repeated or the most bought size six was bought most.

49. Topic: Geometry



50. Topic: Tables and Graphs
 Average speed = $\frac{\text{Total distance}}{\text{Total Time}}$
 $= \frac{700\text{km}}{5\text{hrs}} = 140\text{km/h}$

Answer is D

SCIENCE

- Topic: Food and nutrition- std 5.** Carbohydrates are energy giving foods. Maize, sorghum and millet are the correct examples of carbohydrates from the lists given. The correct answer is D.
- Topic: human body. Std 8.** Amniotic fluid is the fluid that surrounds the foetus. It prevents foetus from shock, allows it to move freely, provide warmth and prevent it from drying. The correct answer is D.
- Topic; weather. Std 5.** A rain gauge is buried 15cm to reduce evaporation of the collected water. The correct answer is C.
- Topic: Health education Std 5.** There are few stages of HIV infection. There are window incubation, symptomatic and fullblown. Incubation stage is the stage between infection and the appearance of the first signs. The correct answer is A.
- Topic plants. std 6:** Flowers with long style and feathery stigma are wind pollinated. These plants also produce a large amount of pollen grains. The correct answer is A.
- Human body std 8:** Foetus development occurs in stages. These stages are zygote- embryo- Foetus and finally the baby. The correct answer is B.
- Topic Animal:** Human intestinal worms are controlled by deworming, proper sanitation, proper cooking of food and proper washing of foods eaten raw. The correct answer is C.
- Topic Soil Std 4.** The presence of organic matter is investigated by heating soil strongly in an open tin. The placement of the lid was a mistake. The correct answer is D.
- Topic: Health Education. Std 5:** Storing medicines in a dry and storing medicines in lockable cupboards are proper storage of medicines. Competing the dosage given is a proper use of medicine. The correct answer is B.
- Topic. Properties of matter. (std 4.** Both a bowl and a nail are made of metal. They only differ in their shape. The correct answer is C.
- Topic: Foods and Nutrition. Std 5** Some of the signs of marasmus are wrinkled face, bones visible underneath the skin, alert eyes and the child is hungry and cries a lot. The correct answer is A.
- Topic: animals std 8** Effects ill health in livestock include lower yields, poor quality of products and death of animals. The correct answer is C.
- Topic health education std 8.** STI's caused by bacteria are chancroid, syphilis and gonorrhoea, HIV and Genital herpes are caused by a virus. The correct answer is C.
- Topic Water. STD 7.** Some of the ways of using water sparingly are turning off taps after use. Repairing leaking taps and use of drip irrigation. The correct answer is A.
- Topic water. Std 7.** Deoxygenated blood enters the heart through venacava and leaves through the pulmonary artery. The correct answer is A.
- Properties of matter. std 6.** Plants use carbon dioxide during photosynthesis and give out oxygen. The correct answer is B.
- Topic energy std 5.** Radiation is a method of heat transfer that occurs in a vaccum(empty space) the correct answer is B.
- Topic Soil (std 7.** Wood ash is added to a compost to supply nutrients (phosphorus and potassium) the correct answer is D.
- Topic water borne, diseases std 6.** The common signs for bilharzia and typhoid are fever and rashes on the skin. The correct answer is A.
- Topic Making work easier. Std 8.** Simple machines that make work easier by increasing effort distance are called inclined planes. A ladder is an example. The correct answer is C.
- Topic properties of matter. (std 7.** Miscible liquids are liquids that mix cooking oil and kerosene mix correctly with each other. The correct answer is D.
- Topic animals std 8.** This beak is thin, long and slightly curved suitable for sucking nectar from flowers the correct answer is B.
- Topic Animals. Std 8.** The process of chewing hard foods by herbivores makes their molars and premolars to wear out. The continuous growth of these teeth is to replace the worn out parts. The correct answer is A.
- Topic environment std 7.** Air is the component of the

- environment that is found all over. The correct answer is A.
25. **Topic health education std 6.** DPT caters for Diphtheria, pertussis(whooping cough) and tetanus. It does not prevent tuberculosis. The correct answer is C.
 26. **Topic Energy.** The sources of current electricity are generators, solar panels car batteries and dry cells. The correct answer is D.
 27. **Topic Human body. std 8.** The first stage in the birth process is the contraction of uterine walls (labour pains) while the last removal of the afterbirth . The correct answer is D.
 28. **Topic Health Education std 5.** We should spray chemicals towards, the wind direction to avoid inhaling the chemical. The correct answer is A.
 29. **Topic Human body std 8.** M is the uterus (womb). It is where the zygote attaches itself. This is called implantation. The correct answer is C.
 30. **Topic Plants(std 8.** A plant with thin cuticle and shallow root is a hydrophyte. Hydrophytes have very many stomata. The correct answer is B.
 31. **Topic Health education. Std 8.** Health effects of drug abuse include. Addiction, lack of concentration, impaired, judgement, loss of consciousness and poor health. The correct answer is C.
 32. **Topic weather. std 4.** Cumulus clouds are white, flat bottomed high in the sky, resemble cotton wool and indicate fine weather. The correct answer is D.
 33. **Topic Water. std 4.** Recreational refers to activities done in water for enjoyment. Making fountains is an individual use of water. The correct answer is B.
 34. **Topic Energy. std 7.** A razor blade is made of metal and all metals are good conductors of electricity. The correct answer is A.
 35. **Topic Plants. Std 4.** Wandering jew has blue /purple flowers and stems that grow horizontally. The correct answer is A.
 36. **Topic Soil. Std 5.** The type of soil with the best drainage is sandy soil. It has large particles, large air spaces spreads easily and its particles are rough. The correct answer is D.
 37. **Topic properties of matter. Std 7.** Magnetic materials include iron, tungsten, iron, nickel, cobalt and alnico. The correct answer is C.
 38. **Topic health Education std 6.** Malaria parasites (plasmodium) attack the red blood cells. The correct answer is B.
 39. **Topic properties of matter. Std 5.** Substances that have no definite shape but have a definite volume are liquids. The correct answer is B.
 40. **Topic making work easier. std 5.** In order to balance on a see saw, the lighter objects should be far from the fulcrum while the heavier one is close to pivot. The correct answer is D.
 41. **Topic Human body std 5.** The first juice in the digestive system if the saliva while the last is intestinal juice. The correct answer is A.
 42. **Topic properties of matter std 5.** Condensation and freezing are the changes of state that require a decrease in temperature. The correct answer is C.
 43. **Topic energy std 4.** Lighting, a house properly helps to prevent accidents keep of pests, read comfortably and see clearly. The correct answer is B.
 44. **Topic Animals std 7.** Roundworms attack cattle, sheep, goats, poultry and fish. The correct answer is C.
 45. **Topic Food and nutrition std 6.** The method of food preservation that are both modern and traditional are drying and low temperature . The correct answer is D.
 46. **Topic Making work easier.** Mass is the quantity of matter in an object. It is measures using a weighing balance. The correct answer is A.
 47. **Topic Making work easier. std 7.** Friction is a force that opposes motion. It is not needed in swimming and when birds are flying. The correct answer is A.
 48. **Topic environment std 7.** The two gases that cause acid rain are carbon dioxide and sulphur dioxide. The correct answer is B.
 49. **Topic Plants std 7.** Stalkborers attack the stalks(stems) of cereal plant. Cutworms attack stems of seedlings weevils eat grains while aphids attack leaves, The correct answer is C.
 50. **Topic properties of mater std 7.** Kerosene and ink form an immiscible (heterogenous) mixture whereby the kerosene floats the ink. The best method to separate them is decanting. The correct answer is D.

ENGLISH

1. Correct answer is B. Use the correct vocabulary.
2. Correct answer is C. Use possessive with persons.
3. Correct answer is A. Correct use of verbs in tenses. (past)
4. Correct answer D. Correct use of verbs in tenses. (past)
5. Correct answer D. Correct spelling of words.
6. Correct answer B. The use of correct vocabulary.
7. Correct use of B. Correct use of vocabulary.
8. Correct answer is B. The question test the correct use of prepositions.
9. Correct answer is A. The correct use of verbs in tenses.
10. Correct answer D. Use of correct adverb in plural.
11. Correct use of C. Correct spelling of words.
12. Correct answer A. Verbs used in tenses. (past)
13. Correct answer B. Correct use of vocabulary.
14. Correct answer B. Correct use of prepositions.
15. Correct answer B. Correct use of auxiliary verbs meaning probability of something happening.
16. Correct answer B. Correct use of vocabulary
17. Correct answer C. correct use of vocabulary, to interrupt is

to stop temporarily.

18. Correct answer C. Use of conditional sentences beginning with if-clause
19. Correct answer B. Change of direct to reported speech.
20. Correct answer C. Correct use of adverbs of frequency and meaning very little is much less than some
21. Correct answer C. Correct use of question tag. The sentence is in negative form.
22. Correct answer A. Correct use of question tag in a negative sentence.
23. Correct answer B. Correct arrangement of events with word agreement and facts.
24. Correct answer A correct arrangement of events with word agreement and facts.
25. Correct answer D. The knowledge of correlatives. not only... but also too. to.

KISWAHILI

1. Jibu A. Kivumishi cha A-unganifu ngeli ya U- U.
2. Jibu C. O-rejeshi inayooana na ngeli ya LI-YA
3. Jibu A. Mtu anayeipenda nchi yake ni mzalendo.
4. Jibu D. Kivumishi cha kumiliki kinachoaifikiana na ngeli husika I-ZI
5. Jibu B- Kivumishi cha idadi isiyokamili kinachooana na ngeli ya YA-YA
6. Jibu C- Kivumishi kinachooana na muktadha. Sugu -Hatari
7. Jibu A- Kimelea aletaye malaria.ni mbu. Dorobo, chafuo, mbung'o huleta malale.
8. Jibu D- Mbung'o au pange huleta malale.
9. Jibu B- Hana budi ni semi inayomaanisha analazimika.
10. Jibu A- Kivumishi sifa kinachooana na muktadha
11. Jibu B- Thamani ni ubora au umuhimu wa kitu au mtu kinyume chake ni hasara.
12. Jibu A- Kufikwa ni kutingwa au kukabiliwa
13. Jibu D- Mazoea ni tabia au desturi
14. Jibu C- Nahau inayomaanisha kutofaulu ni kutotia, fora au kula mwande. Kula mwata pata tabu kujitoa mhanga. Kujitolea. Kushika tariki - anza safi
15. Jibu B- Methali inayotoa matokeo ya ukaidi
16. Jibu A- wingi wa karai- Makarai. Gita- magitaa n.k wingi wa dobi-- madobi, chura- machura nk.
17. Jibu C- Sayari kubwa zaidi ni mshtarii yenye pete ni Zohali.
18. Jibu D- udogo wa kiti ni kijiti ukubwa wa kiti ni kijiti
19. Jibu A- Amri ni usemi wenye shuruti Jibu B ni maagizo, C ni kihisishi nalo D ni ushauri
21. Jibu B - Pesa za kuanzisha biashara ni mtaji.
22. Jibu D - Fungua- Funguana(kutendana) Funguliana. (kutendana).
23. Jibu C- Inaonyesha mtandia wa nafsi ya kwanza(mimi)
24. Jibu A- Moto ukiwashwa huonekana kwa mbali

25. Jibu B- silabi ni mwa- na -ri-a-dha
26. Jibu D - sahihi ni karatasi za, mbuga ya na kuni za.
27. Jibu C- Tatu kwa saba ni subui tatu
28. Jibu A- Semi koloni hutumika wakati wa kutaka kufafanua zaidi
29. Jibu B- Karibu ya A inaonyesha nusura C. Inaonyesha umbali nayo D inaonyesha makaribisho.
30. Jibu B. Kihisishi au kiingizi. Hewala huonyesha kuridhia Hamadi- kutaka kunurusu.
46. Usingizi umepewa sifa ya kumnyemelea na kumwiba. Hii fani huitwa tashisi ama uhisi. **Jibu C**
47. Kwa kawaida safari ya kwenda mtoni ilichukua robo saa ama dakika kumi na tano. **Jibu A**
48. Kwa kumjibu wa aya ya sita Bi. Majaliwa alishuku kuwa kuna jambo lililokuwa limetokea. **Jibu A**
49. Kusepetuka na kunyoka kwa mbwa kuliashiria kuwa aliaga dunia. **Jibu C**
50. Methali isiyoweza kuambatanishwa ni ile isemayo kuwa fimbo ya mnyonge ulipwa na Mungu. Methali nyingine zinatahadharisha umuhimu wa kuwazia jambo kabla yakutenda. Jibu C.

SOCIAL STUDIES

1. The highest point are indicated by mountains, hills and tributaries of a river. The tributary of the river is at the centre. **Ans C.**
2. The administrative head is the county commissioner, who heads the security department, he/she is appointed by the president. **Ans. B**
3. The people in Kanyibok area are mainly settling near human activities eg. mining and farming. **Ans. C**
4. The point where two rivers meet or a branch of a river joins the main river is called a confluence. **Ans D**
5. Tea is grown in red volcanic soil (red earth soil) that is slightly acids **(ans A)**
6. People in Kanyibok area are Christians due to the presence of Bible school **Ans B.**
7. Fishing is not carried out in the area due to lack of fishing traps, boats, nets, tanks, ponds among others. **Ans. A**
8. Clans are groups of people who have common ancestral origin. topic social relations and Cultural activity std 5 **Ans C**
9. As the earth revolves around the sun it causes four seasons ie. winter summer autumn and spring Topic. physical env. (rotation & revolution std 7 **Ans B.**
10. For the school programmes to run smoothly the school administration prepares learners to their adult life and to make them responsible citizens. Topic social relation (school) std 7. **Ans D**
11. Baganda were ruled by hereditary kings called Kabaka , the position was hereditary (the son took over when the

- king died Topic: Political development Std 6 **Ans. A.**
12. Blackbass is harvested in lake Naivasha tilapia, lake Victoria, Nile perch lake Turkana and trout in lower Tana. (**Ans, B**)
 13. Kenya boarder south Sudan to South East and South Sudan boarder Kenya to the North West, Uganda to South, Ethiopia to East. Ramchel is the proposed capital city of South Sudan **Ans. D**
 14. Humidity is measured using hygrometer dry and wet thermometer. **Ans B** Topic: Physical environment std 6 & 8.
 15. Soda ash- Magadi, Flourspar- Kamwerer Kerio valley, Limestone- Koru in Kisumu, Diatomite- Kariandusi near Gilgil **Ans B**
 16. Lake Birket is located in Qattara depression in Egypt, It formed as a result of wind action, there are various forms of erosion ie. water and glacier. Topic environ. (formation of lakes) std 7. **Ans. C**
 17. Berlin conference was carried in 1884-1885 mainly for the Europeans to partition Africans peacefully without conflict among themselves. Topic political development std 7. **Ans C**
 18. Direct democracy is applied where the number of people is small and everyone is involved in decision making. Topic Democracy and human rights. Std 5. **Ans D**
 19. African acquired French citizenship and the assimilated Africans acquired jobs in France. Topic Political development and system std 7. **Ans B**
 20. The best way to control drug abuse in school is by educating learners on the dangers of durgs and substance abuse. Topic citizenship std 7. **Ans C**
 21. The town marekd V is Mtwara, Dodoma is located at the centres of Tanzania. Topic. Resources and human activitie std 6. **Ans C.**
 22. The area marked Q is located in Central Tanzania Miombo woodland; the main problem affecting the region is pests and diseases (presenc eof tsetsefoue) **Ans B**
 23. The rivers that drains water in the lake Turkana are Kerio and Turkwel in Kenya, Omo in Ethiopia Topic: Pysical env. std 6. **Ans B**
 24. Mt. Elgon is located between Kenya and Uganda while Mt. Ruwenzori is located between DRC and Uganda. **Ans C**
 25. The negative effect of mining in mining zones in Africa is displacement of people in the areas. Topic resources and economic activities std 7. **Ans D**
 26. The rosewood an teak are indegineous (hardwood) sprice is soft wood or planted tree species. **Ans C.**
 27. peninj is located in Tanzania, Magosi in Uganda, Naorotome in Kenya and Hadar in ethiopia Topic people and population Std 8. **Ans A**
 28. The members of the national assembly are sworn by the speaker of the national assembly while the speaker is sworn in by the clerk of the national assembly. topic gover. of Kenya std 5 & 7. **Ans B**
 29. The Khoikhoi practiced direct democracy (participatory democracy) since the agreement were arrived at a concensus (mutual agreement) **Ans B.**
 30. Kabaka Mwaga resisted the British in Uganda from his territory. Topical dev. and system. **Ans A.**
 31. Mozambique was assisted by AU to gain independence during her struggle for independence Topic political develp. & system std 7. **Ans C**
 32. The leader that became president in his country and did not lead it to independence was Gamal Abdel in Egypt. Topic political develp. & system std 7. **Ans D**
 33. National Game reserves in Kenya are managed by local government/ county govern. topic reserves & economiv act. std 5 & 6 **Ans C**
 34. The mountains marked P is Atlas mountain, in Morocco, it was formed through folding, twisting or bending of rock **Ans B**
 35. The veegtation in the central Madagascar is temperate grasslands Topic physical envr. Std 7. **Ans C**
 36. Ocean current marked M is walvis Bay cold curenrs or Benguela cold current **Ans. A**
 37. The mediterranean vegetation is high altitude there are mainly coniferous trees ie. cedar, pine, cypress. **Ans C**
 38. Kariba dam project was mainly contracted for production of hydroelectric power. **Ans B**
 39. Leather tanning industry is an example of non food processing indusry. Resource economic ac. std 6. **Ans C**
 40. Cottage / Juakali industries mainly provides self employment or reliance to Kenya **Ans. B** resource & economic act. Std 5 - 8
 41. The main importance of forest region is that they provide water catchment zones the and they are also sourced of rivers. **Ans. D**
 42. Oil is the main export of Nigeria, it earns the country foreign exchange exchange. **Ans C.** Resources & economic activi. std 7 **Ans C.**
 43. Observing clouds and observing the shape of the moon are traditional prediction of the coming of rainfall. **Ans.A.**
 44. South Africa has three capital cities/ seat of the government ie. Bloem of fountain, Pretoria, capetown. **And B**
 45. The national game parks are estalished to conserve/ ensure safety of wildlife. **Ans C**
 46. The Tswana in Botswana are pastoralists in Kalahari region which are hot and dry. Topic resources & economic acts. **Ans. A.**
 47. IEBC is the body incharge of election in Kenya, they are not allowed to campaign for the candidates. Topic Gov. of

Kenya. **Ans B**

48. Cloves is the main crop grown in spice islands of Pemba and Zanzibar **std 7. Resources & economic act. Std 7 Ans D.**
49. Fresh flowers are transported to the air port by registered lorries by roads. **Resources & Economic ac. Ans. C**
50. Madaraka is celebrated on 1st June every year to remember the day Kenya attained Self government. **Polli. dev. & system std 5 Ans. A.**
51. Ancient town of Marakech is the main tourists attraction site in Morocco. **Topic Resources & Economic activities Std 7. Ans B**
52. The civil marriage is conducted by government officials ie. Magistrates **Ans. C**
53. Omulamuzi was the title given to the chief justice in Buganda kingdom. **Topic Political dev. std Ans C.**
54. EAC was established in 1967 to promote co-operation among member state .ie Kenya Uganda and Tanzania. **Political dev. and system std 6 Ans. D.**
55. Bantus are the main language group central Africa **Topic people & population std 7. Ans C.**
56. Both river Nile and River Niger have deltas at the mouths **Physical env. std 7 Ans. D**
57. Senegal , Mali & Somalia were former colonies of French during the colonial period. **Topic. Political development. std 7. Ans B**
58. Speaker of the national assembly is elected by the members of the parliament. **Topic Govern of Kenya std 7 Ans B**
59. Kenya national Anthem is a symbol of national unity, it is not a sign of entertainment. **Topic political develop. & system std 4 and 5 Ans. B**
60. Police force role in Kenya is mainly to maintain law and order of the country. **Topic Govern. of Kenya 5- 6 Ans C.**

C.R.E

61. In the book of Genesis 3:1-24, after Adam and Eve sinned against God by disobeying his command or instruction **Ans B**
62. When Abraham was called by God, he obeyed God by moving to the unknown land. **Ans B**
63. During the Passover the Israelites were commanded by God to smear the blood on the door post for the Angel of death to Passover **Ans A.**
64. Respects you father and your mother so that you may live long in the land that I am giving you: **Ans B**
65. Deborah was a woman judge in the land of Israel. **Ans D**
66. The words spoken by God to prophet Jeremiah. **Ans. C**
67. Luke 2:36 there was a very old prophet, a widow named Anna, daughter of Phanuel of the bible of Asher. **Ans. B**
68. These words were said by God during the baptist of Jesus

in R. Jordan. **Ans D**

69. Mathew 5: 8 Happy are the pure in heart for they will see God! **Ans C.**
70. Jesus taught about repentence and forgiveness in the parable of prodigal son **Ans B**
71. Jacob worked for Laban for 14 years mainly because he wanted a wife (Rebecca) **Ans. D**
72. King Solomon asked for wisdom from God to rule his people, he ruled Israel with wisdom. **Ans. D**
73. The similar miracle that both Jesus and Elisha did was to heal the lame . **Ans. B**
74. The prophet that referred to Jesus Christ as "Prince of peace was prophet Isaiah **Ans D**
75. Zachariah was burning the incense when angle Gabriel appeared to him. **Ans A**
76. During the annunciation of the birth of John the baptist and Jesus Christ the angel gave the names of the babies. **Ans C**
77. Jesus expressed his love to children by placing his hands on them(mark 10: 13-16) **Ans A**
78. According to the books of Mark 5: 35- 43, Jesus raise Jairus daughter from the dead. **Ans A.**
79. According to Luke 23; 47-49 the Roman officer said that "Surely this was a righteous man" **Ans D**
80. According to Luke 24; 8- 12. The woman informed other disciples of Jesus but they did not believe but Peter got up and ran to the tomb. **Ans B**
81. According to the book of Acts 17: 25 Paul and Silas worshipped God by singing hymns in the prison. **Ans B.**
82. In both traditional African society and Christianity couples are given gifts to ensure that they have property in their home. **Ans C**
83. Rain makers, prophets and diviners were specialists in traditional African communities **Ans B**
84. Christians can best express their respect to the authority by obeying the law of the country. **Ans A.**
85. Chirchir should take back the money to the class teacher. **Ans D.**
86. Leisure time can be well spent by visiting the aged orphans, widows among the others. **Ans. B**
87. The best way to help him over come is by encouraging him to be responsible and to the work. **Ans C.**
88. Shaking hands is not a way of spreading HIV and AIDS among people . **Ans. D**
89. Drug and substances defiles the body and they should be condemned among Christians. **Ans C**
90. According to Acts 13:103 Barnabas and Saul were sent to take money to the believers Judea **Ans C.**