## RUBANDA DISTRICT SCIENCE QUIDE 2013

- 1. Oxygen
- 2. Adding muriam on roads Adding tarmac on roads Adding marble on roads Tarmacking roads Making roads Surfaces rough Increasing weight on vehicles
- 3. For cleaning the floor | Mopping the Hour | Drying the wet floor
- 4. Spring balance | Beam balance | Scale balance
- 5. Poush burning releases smoke to the atmosphere/ Adds carbon dibxide to the atmosphere
- 6. Light travels in a straight line
- 7. Maternal and child health care
- S. Air exerts pressure
- 9. Has Synovial fluid Has ligarrent Has Cartilage.
- 10. Pristles help to remove fixed remains from the teeth or tongue or mouth.
- 11. Sea mammals | Marine mammals | Certacoans
- 12 They are equal
- 13. Tonque.
- 14 Conifers Coniferate plants
- 15. Giving ORS Drinking plenty of fluids | Eating enough fruits | Drinking enough water |

Through Intravenous rehydration | Drip | Drinking

Dividge | Taking tea | Taking soup

- 16. Using Vasectomy method cutting sperm ducts
- 17. An alloy of lead and this has low mething point | To easily methings of high Voltage due to its low mething point.
- 18. Age of the patient | Longth of the Illness |
  Type of the Illness | Meight of the patient |
  Sex of the patient | Body reaction to the day
  thistory of drug usage | previous readical
  information | Physiological andition of some
  pretients like pregnancy Breast facting | Blood
  pressure.
- 19. Sheep Shearing | Shearing
- 20 To callow the larvae to get dissolved exygen
- 21. To present would from bending klarping
- 22. Cassava | Smeet potatoes
- 23. Present milk Contains antibodies provides almost a complete abadancort diet fory to digest the sat babys right temperature Usually Clean and ready.

- 24. Have hard seed coat testa
- as. Fracture
- 26. Holds the broken bones in one position.
- 27. The budy needs more oxygen for respiration To Increase oxygen supply to the body cells to generate energy.
- 28. It is a source of calcum Headed to poultry feeds to supply colour struct of proteins |

  Frank bonds lay hard shelled eggs.
- 29. Fibres
- 30. To get correct accurate amount of rainfall.
- 31. Leads to soil formation | Reduces the volume of facces in latines | Production of burges |
  Leads to tomertion of humas or manure.
- 32. Lung cancer / Asthmer / Emphysema
- 33. Using a separating funnel Becantation method [Reject decenting method]
- 34 By afforestation Re-refforestation | Use of heat every soming equipment | Using electricity to cook | Use of biogus | Use of alternative source of energy | Staking dry beans be fore cooking |

  Putting off fremood after cecking | Using wood spaningly | Cereing food while cerking | Agreforestry |

  Avoid detorestation

- 35. Chricleset too had but and
- Mpulses/sugnals [Reject converts sound waves into nerve Impulses]
- 37. Helps to remove storepy water | Lather from Clothes | from Clothes
- 38 spraying with acrevicious Dipping animals in alip tenks with accertactus Practice paddock grazing at ticking Rearing poultry to pick ticks Hand picking Rotational grazing Burning old pastures [Reject spraying with Insecticious].
- 39. Culcium | Phospherous
- 40 Flushing the tolet ofter us | Scrubbing the floor with a tolet brush and surpy water | fouring disintectants | intiseptics to the bowl.

## SECTION P.

- 4 (as Wheel busion | trucket | trasin | toxes
  - b. The rate of transpiration is low Avoid withing of suddings Presents drying of scellings
  - (c) Rectued westering | Reading | Rectueing sharele |
    Spraying | Manusing | Thinning
- 42 (a) Electric bell/Sound amplifiers/ car Indicators/ Chemicators / Loud speakers / Hard duc

- b) Increasing the electric current Increasing the number of turns in the coil | solenoid / Increase the voltage | Increasing number of drycells
- (c) Disconnecting it from electricity by switching off Heclucines voltage
- 43 (1) By the help of a kink | bend | narrow bend |
  Constriction

the walls of the glass / Has regular expension Has uniform expension

(c) 
$${}^{\circ}F = \frac{9}{5}C + 32$$
  $5F = 9C + 160$ 
 $\frac{9}{5}X35 + 32$   $M_{1}V$   $5F = 9X35 + 160$ 
 $\frac{9}{5}X35 + 32$   $5F = 475$ 
 $\frac{9}{5}X35 + 32$   $F = 95^{\circ}$ 
 $\frac{9}{5}X35 + 32$   $F = 95^{\circ}$ 
 $\frac{9}{5}X35 + 32$   $F = 95^{\circ}$ 

44 (9) Pupil

(6) Indicate the retina with letter R on the diagram

[Reject ->]

- pricules a very clear vision of the Image
- do By intjusting the size of the pupil/Increasing
- 45 en Bruce Windress
  - Mulcou:
    - (c) L'ephantiasis
    - in Psubonic Plaque
- AGencis Real blood cells Platelets Plasma

  b. They are inequilar shaped to engulf germs

  there nuclei/produce antibodies/produce antigens

  co Earting local rich in hon I trinking enough

  fluids | Taking hon tablets | Through blood

  transfasion | Taking finits and Vegetables |

  Taking enough mader
- 47 (a) Plants provide people with food | Source of wood fuel / used in production of bioger to, By absorbing combon during photosynthesis / Trapping dust / Release oxygen during photosynthesis
  - people the Importance of forests/Recycling waste propers/ Use of ulternettive sources of their to cook.

Will They work in pours | Work in opposite ways work opposing each other | Work oppositically

" turn" ... ha

in They werk under the will of the brain Are controlled by the bream / Conscience

(c) lemt M allows movement in only one direction while joint N allows movement in all directions ! Joint M allows 1800 while joint N allows 3000/ Joint M allows in one plane white A allows THE OCHEM IN AN PLANES

in Polaci stance durinous Noval deschange 40 (ca) Virus Sumken eyes Neath Sores Tears in the eyes

- Dullness in High text / loss of appetite / High temperature / Kupul dehydration
  - ici hertich the movement of Infected animals to infect the health ones

50 un By the neep in Cilia / Hair / Mucus chai, Epiglottis in Pleural membrane

ies Lungs remove control chorde and wreter vapour as excittory products and allow oxygen into the body for respiration.

## 51 (a) Marcotting

- Action to thous roots
- Mornyo | Orange | Averaged pan paw | Jack fruit / Lemen | Citius fruits | Apples
- ids The sporth is rapid/matures faster than using Seeds | March limited care compared to using seeds | Easier to get hybride man using sends | Off springs results resumble the parrent plant than using seats.
- 52 in Soury ii, treans | peas | fish | Gruts | Suya beans iii, Vitamins / Vitamin A (14) Goitre
- 53 (a) Plastice / Polythene papers/ Nietal scraps/ Fraken bottles | Old Cloths to Bush burning burns humus / Kills soil important living organisms which would holp in decomposition | Leaves the land have exposing it to agents of soil erosion.
  - (c) Living organisms
  - ed, Mulching | Crop rotation | Manuring ] fertilizer application | Bush fallowing ) Agro forestry | Growing leguminous crops / Inter cooping | Mixed cropping

54 (a) Ventilated Improved Pit latine / 41P latine

Lets out bond smelly air

ed, Washing hands using soup and clean water

55 conci Arthropuls

H, Segmented womes

ib, Cryanism A has exo skeleton while eng worms have hydrostatic skeleton

(e) Water smail.

END.