

## Preface

Welcome to “**THE YK SCIENCE ESSENTIALS**”-Key Terms and Concepts for Primary Four to Primary Seven. This Comprehensive Workbook provides Primary Students, Teachers, and Educators with a valuable resource for Science education.

## Rationale

Science Education forms the foundation of critical thinking, problem solving, and curiosity. Recognising the importance of Science literacy. As a teacher, I recognized the need for a comprehensive Science Resource that caters to the diverse learning needs of primary students.

This workbook aims at:

- Introducing primary students to Essential Science terminology.
- Supporting Teachers in planning, and Delivering Effective and Engaging Science Lessons.
- Facilitating a Solid Foundation for Future Scientists.
- Engaging Teachers and Learners in Extensive revision in Preparation for the Uganda National Examinations (PLE)

## Objectives

- ✓ To familiarize primary students with essential science terminology as they travel their Scientific journey.
- ✓ To support teachers in integrating science vocabulary into their lessons.
- ✓ To provide a valuable resource for science education

## Target Audience

- ❖ Primary students
- ❖ Primary school teachers
- ❖ Science Educators

## About the Author



Kifuba Yusufu was born in 2000 on the 8<sup>th</sup> Day of January. He lived in a simple family and so hardworking. Yusufu attended to Namiyembe Progressive Islamic Primary School for Primary education. He then moved to Spartan High School for his Secondary Education. He further moved on to Kabwangasi Primary Teachers' College under Kyambogo University where he attained a Grade III Primary Teachers' Certificate. He is currently pursuing a Diploma in Primary Education, majoring in Science at Kampala University.

Currently working as a Science Head of Department at Adam and Hawa Islamic Primary School in Dambwe Village-Wakiso District (UGANDA). He also started a company that publishes best quality customised holiday packages for classes ranging from Baby to P.7.

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**THE YK EDUCATIONAL CONSULTANCY**  
**THE SCIENCE ESSENTIAL TERMS TO DEFINE #P.4-P.7**  
**BEST REVISION ALLY.**  
*P.7 POPULATION AND HEALTH*

1. Science

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2. Population

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3. Human population

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4. Health

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5. Sickness

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6. A disease

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7. Communicable diseases

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8. Germs/pathogen

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9. Water associated diseases

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10. Water cleaned diseases

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11. Water contact diseases

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12. Water habitat vector diseases

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13. Airborne diseases

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14. Contagious diseases

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15. Vectorborne diseases

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16. Non-communicable diseases

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17. Nutritional/deficiency diseases

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18. Hereditary diseases

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19. Metabolic diseases

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20. Self-inflicted diseases

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21. Malnutrition

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22. Health concerns

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23. Poor sanitation

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24. Inadequate food/Food insecurity

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25. Food security

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26. Poor water supply

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27. Antisocial behaviours

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28. Juvenile

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29. Juvenile delinquency

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30. Juvenile delinquent

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31. Criminal

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32. Crime

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33. Truancy

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34. Arson

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35. Violence

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36. Masochism

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37. Sadism

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38. Sexual deviations

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39. Bestiality

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40. Masturbation

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41. Homosexuality

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42. Oral sex

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43. Anal sex

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44. Incest

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45. Necrophilia

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46. Pedophilia

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47. Fetishism

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48. Bisexuality

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49. Health education

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50. Health survey

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51. Health data

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52. Demography

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53. Young parents

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54. Young mothers

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55. Young fathers

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56. Family budget

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57. Family budgeting

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58. Allowance budgeting

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59. Handout budgeting

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60. Joint control budgeting

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61. School health club

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62. Health parade

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63. Child to child programme

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***P.7 INTERDEPENDENCE OF THINGS IN THE ENVIRONMENT***

64. Environment

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65. Biotic/biological environment

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66. Abiotic/physical environment

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67. Interdependence

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68. Food chain

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69. Ecosystem

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70. Habitat

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71. Biodiversity

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72. Trophic level

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73. Producer

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74. Primary consumer

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75. Secondary consumer

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76. Tertiary consumer

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77. Decomposer

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78. Food web

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79. A crop

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80. Annual crops

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81. Biennial crops

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82. Perennial crops

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83. Food crops

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84. Cash crops

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85. Spice crops

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86. Tuber crops

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87. Oil crops

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88. Drug crops

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89. Forage crops

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90. Fibre crops

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91. Ornamental crops

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92. Vegetable crops

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93. Agroforestry

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94. Seed bed

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95. Nursery bed

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96. Seedling

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97. Hardening off

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98. Transplanting

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99. Planting

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100. Row planting

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101. Broadcasting

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102. Prunning

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103. Thining

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104. Roguing

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105. A rouge

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106. Plant training

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107. Staking

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108. Propping

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109. Trellising

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110. Weeding

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111. Weeds

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112. Earthing up

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113. Gap filling

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114. Mulching

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115. Mulches

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116. Harvesting

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117. Crop pests

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118. Vermins

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119. Field pests

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120. Storage pests

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121. Woodlot

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122. Silviculture

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123. Pollarding

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124. Lopping

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125. Copicing

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126. Selective felling

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127. Science oriented clubs

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128. Young farmers' clubs

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***P.7 LIGHT ENERGY***

129. Energy

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130. Light energy

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131. Optics

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132. Sources of light

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133. Natural sources of light

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134. Artificial sources of light

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135. Luminous objects

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136. Incandescent objects

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137. Luminiscent objects

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138. Non luminous objects

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139. A ray of light

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140. Beam of light

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141. A pencil of light

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142. Parallel beam

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143. Diverging beam

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144. Converging beam

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145. Transparent objects

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146. Translucent objects

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147. Opaque objects

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148. A shadow

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149. Umbra

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150. Penumbra

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151. An eclipse

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152. Solar eclipse

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153. Lunar eclipse

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154. Total solar eclipse

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155. Partial solar eclipse

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156. Annular solar eclipse

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157. Celestial/Astrnmical bodies

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158. Asteroids & meteoroids

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159. Comet

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160. Planets

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161. Galaxy

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162. Astrology

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163. Astronomy

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164. Astronomer

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165. Astronaut

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166. Reflection of light

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167. Regular reflection

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168. Irregular reflection

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169. Point of incidence

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170. Incident ray

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171. Reflected ray

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172. Normal ray

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173. Angle of incidence

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174. Angle of reflection

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175. Glancing angle

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176. Total internal reflection

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177. Absorbers of light

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178. An image

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179. Real image

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180. Dimished image

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181. Magnified image

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182. Virtual image

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183. Erect image

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184. Inverted image

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185. A mirror

.....

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186. Plane mirror

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187. Infinite images

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188. Kaleidoscope

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189. Periscope

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190. Curved/spherical mirrors

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191. Convex mirrors

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192. Concave mirrors

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193. Refraction of light

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194. Rarer/less dense medium

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195. Denser medium

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196. Mirage

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197. Dispersion of light

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198. Light spectrum

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199. A prism

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200. Rainbow

.....

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201. Primary colours

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202. Secondary colours

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203. Complementary colours

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204. A lens

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205. Convex lens

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206. Concave lens

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207. Principal axis

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208. Focal point

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209. Focal length

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210. Optical instruments

.....

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211. Blinking

.....

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212. An eye defect

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213. Short sightedness

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214. Long sightedness

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215. Old age sight

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216. Astigmatism

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217. Blepharitis

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218. Cataract

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219. Glaucoma

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220. Keratitis

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221. Styne

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222. Leucoma

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***P.7 EXCRETORY SYSTEM***

223. A system

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224. An organ

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225. A tissue

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226. A cell

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227. Excretory system

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228. Excretion

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229. Urinary system

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230. Urination/micturition

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231. Sebum

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232. Vasodilation

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233. Vasoconstriction

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234. A bruise

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235. Vitiligo

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236. Deamination

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237. Detoxication/Detoxification

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238. Tidal air

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239. Inhalation/inspiration

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240. Exhalation/expiration

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241. Respiration

.....

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242. Hiccups

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243. Aerobic respiration

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244. Anaerobic respiration

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### ***P.7 MACHINES***

245. Friction

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246. Static friction

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247. Dynamic/Kinetic friction

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248. Viscosity friction

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249. A fluid

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250. Lubricants

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251. Inertia

.....

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252. A machine

.....

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253. Complex machines

.....

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254. Simple machines

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255. A lever

.....

.....

.....

256. Load

.....

.....

.....

257. Effort

.....

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258. Pivot

.....

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259. Effort arm

.....

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260. Load arm

.....

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261. First class levers

.....

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262. Second class levers

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263. Third class levers

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264. A moment

.....

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265. Mass

.....

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266. Weight

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267. Buoyancy/upthrust

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268. Surface tension

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269. Cohesion

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270. Adhesion

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271. Distance

.....

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272. Force

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273. Work

.....

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274. Mechanical advantage

.....

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275. Velocity ratio

.....

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276. Work output

.....

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277. Work input

.....

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278. Efficiency of a machine

.....

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279. Power

.....

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280. Inclined planes/slopes

.....

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281. Wedges

.....

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282. Screws

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283.     Wheels and axle

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284.     A wheel

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285.     An axle

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286.     A pulley

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***P.7 ENERGY RESOURCES IN THE ENVIRONMENT***

287.     A resouce

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288.     Energy resources

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289. Renewable energy resources

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290. Non renewable energy resources

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291. Beasts of burden

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292. Water cycle

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293. Coal

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294. Natural gas

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295. Biofuels

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296. Biogas

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297. Biomass

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298. Effluent

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299. Slurry

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300. Environmental degradation

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301. Pollution

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302. Pollutants

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303. Soil pollution

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304. Non bio-degradable wastes

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305. Water pollution

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306. Air pollution

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307. Sound pollutin

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308. Devegetation

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309. Silting

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310. Silt

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311. Bio-degradable wastes

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***P.7 ELECTRICITY AND MAGNETISM***

312. Matter

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313. Energy

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314. Kinetic energy

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315. Potential energy

.....

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316. Electricity

.....

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317. An atom

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318. A molecule

.....

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319. Protons

.....

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320. Electrons

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321. Neutrons

.....

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322. Sources of electricity

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323. Static electricity

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324. Electrostatic force

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325. Electroscope

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326. Lightning

.....

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327. Thunder

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328. Lightning conductor

.....

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329. Current electricity

.....

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330. Direct current electricity

.....

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331. Alternating current electricity

.....

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332. Hydroelectricity

.....

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333. Thermal electricity

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334. Geothermal electricity

.....

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335. Atomic/nuclear electricity

.....

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336. Solar electricity

.....

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337. An electric circuit

.....

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338. Electric current

.....

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339. Parallel circuit

.....

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340. Series circuit

.....

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341. Series connection

.....

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342. Parallel connection

.....

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343. Ammeter

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344. Voltmeter

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345. Ohmeter

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346. Electric meter

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347. Wattmeter

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348. Capacity meter

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349. Rheostat

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350. Circuit breaker

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351. A fuse

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352. Electric resistance

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353. Short circuit

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354. Electric conductors

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355. Electric insulators

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356. Electric socket

.....

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357. Electric cells

.....

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358. Primary cells

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359. A simple/wet cell

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360. Electrolyte

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361. Electrode

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362. Polarization

.....

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363. Local action

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364. Secondary cells

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365. An electric bulb

.....

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366. Generator

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367. A dynamo

.....

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368. Electric motor

.....

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369. Transformer

.....

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370. Electric appliances

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371. Magnetism

.....

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372. A magnet

.....

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373. Magnetic materials

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374. Non magnetic materials

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375. Natural magnets

.....

.....

.....

376. Artificial magnets

.....

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.....

377. Permanent magnets

.....

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378. Temporary magnets

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379. Magnetic field

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380. Neutral point

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381. Magnetization

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382. Induction method

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383. Stroking/touch method

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384. Single touch method

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385. Double touch method

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386. Electrical method

.....

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387. Induced magnet

.....

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388. Electromagnet

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389. Solenoid

.....

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390. Demagnetization

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### ***P.7 MUSCULOSKELETAL SYSTEM***

391. Skeleton

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392. Endoskeleton

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393. Exoskeleton

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394. Hydrostatic skeleton

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395. Human skeleton

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396. A bone

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397. Bone marrow

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398. A joint

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399.     Immovable joint

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400.     Movable joint

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401.     Ligament

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402.     Tendon

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403.     Hinge joint

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404.     Ball and socke joint

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405.     Gliding joint

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406. Pivot joint

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407. Suture joint

.....

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408. Muscles

.....

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409. Voluntary muscles

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410. Involuntary muscles

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411. Cardiac muscles

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412. Antagonistic muscles

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413. Flexor muscles

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414. Extensor muscles

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415. Dislocation

.....

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416. A sprain

.....

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417. A strain

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418. Hernia

.....

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419. Prolapse

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420. Deformation of bones

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421. Fracture

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422. Posture

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**END OF P.7**

## ***P.6 REPRODUCTIVE SYSTEM***

423. Growth

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424. Developmentpuberty

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425. Adolescence

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426. An adolescent

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427. Primary sex characteristics

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428. Secondary sex characteristics

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429. Emotional/Psychological changes

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430. Out of step changes

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431. Reproduction

.....

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432. Asexual reproduction

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433. Sexual reproduction

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434. Gametes

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435. Gonads

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436. Hermaphrodite

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437. Fertilization

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438. External fertilisation

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439. Internal fertilization

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440. Hymen

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441. Clitoris

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442. Ectopic pregnancy

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443. Female sterility/barrenness

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444. Fibroids

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445. Ovarian tumour

.....

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446. Vagina fistula

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447. Ejaculation

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448. Copulation

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449. Impotence

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450. Low sperm count

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451. Epididymitis

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452. Orchitis

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453. Hydrocele

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454. Reproductive health

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455. Conception

.....

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456. Implantation

.....

.....

.....

457. Zygote

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458. Embryo

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459. Fetus

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460. A sperm

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461. An ovum

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462. Ovulation

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463. Menstruation

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464. Menopause

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465. Pregnancy

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466. Antenatal care

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467. Antenatal visit

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468. Postnatal care

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469. Postnatal visit

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470. Mama kit

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471. Teenage pregnancy

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472. A teenager

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473. Young parents

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474. Young mothers

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475. Young fathers

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476. Child birth

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477. Labour

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478. Multiple births

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479. Twins

.....

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480. Identical twins

.....

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481. Fraternal twins

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482. Siamese twins

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483. Infant mortality

.....

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484. Child spacing

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485. Family planning

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486. Birth control/contraception

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487. Misconception

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488. Myth

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489. Sexually Transmitted Diseases(STDs)/Sexually Transmitted Infections(STIs)

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490. HIV negative

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491. HIV positive

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492. AIDS patient

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493. Concordant couple

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494. Discordant couple

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495. Opportunistic Infections(OIs)/Secondary Infections (Sis)

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496. Urinary Tract Infections(UTIs)

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### ***P.6 SANITATION***

497. Sanitation

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498. Poor sanitation

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499. Temporary houses

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500. Permanent houses

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501. Mortar

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502. Concrete

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503. Damp proof course

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504. Concrete curing

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505. A latrine

.....

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506. Ordinary/Conventional pit latrine

.....

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507. Ventilated Improved Pit (VIP) latrine

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508. Ecosan

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509. Toilet

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510. Sewage

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511. Cesspool emptier

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512. Potty

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***P.6 ACCIDENTS AND FIRST AID***

513. An accident

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514. First aid

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515. A casualty

.....

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516. First aider

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517. First aid box

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518. First aid kit

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519. A scald

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520. A burn

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521. First degree burn

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522. Second degree burn

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523. Third degree burn

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524. A blister

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525. Fever

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526. Convulsion

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527. Tepid sponging

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528. Fainting

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529. Drowning

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530. Near drowning

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531. Nose bleeding

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532. Electric shock

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533. Snake bite

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534. A sprain

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535. Ligament

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536. A strain

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537. Tendon

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538. Dislocation

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539. Fracture

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540. Compound fracture

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541. Simple fracture

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542. Green stick fracture

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543. Comminuted fracture

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544. Depressed fracture

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545. Complicated fracture

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546. A bruise

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547. Posoning

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548. Poison

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549. Food poisoning

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550. Minor cuts

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551. Deep cuts

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552. A wound

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553. Lacerated wounds

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554. Puncture wounds

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555. Contused wounds

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556. Incised wounds

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557. Abrasion wounds

.....

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558. Insect sting

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559. Foreign bodies

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560. Tampons

.....

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561. Choking

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562. Golden hour

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***P.6 SCIENCE AT HOME AND IN OUR COMMUNITY***

563. Water

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564. Hard water

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565. Soft water

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566. Water contamination

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567. Water pollution

.....

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568. Water impurities/water pollutants

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569. Silting

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570. Silt

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571. Dredging

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572. Water associated diseases

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573. Water borne diseases

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574. Water contact diseases

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575. Water cleaned diseases

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576. Water habitat vector diseases

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577. Safe water

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578. Boiling

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579. Chemical treatment

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580. Chlorination

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581. Fluoridation

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582. Use of UV light

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583. Screening

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584. Coagulation

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585. Sedimentation

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586. Filtration

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587. Clean water

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588. Decantation

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589. Filtrate

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590. Distillation

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591. Distillate

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592. Filtride/Residue

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593. Laundry

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594.     Sorting

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595.     Soaking

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596.     Washing

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597.     Rinsing

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598.     Wringing

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599.     Drying

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600.     Ironing

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## ***P.6 RESPIRATORY SYSTEM***

601.     Respiration

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602.     Oxidation

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603.     Aerobic respiration

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604.     Anaerobic respiration

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605.     Breathing

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606.     Tidal air

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607. Breathing in/inhalatio/inspiration

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608. Breathing out/exhalation/expiration

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609. Gaseous exchange

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### ***P.6 RESOURCES IN THE ENVIRONMENT***

610. A resouce

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611. Renewable resources

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612. Non renewable resources

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613. A mineral

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614. An alloy

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615. A rock

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616. Igneous rocks

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617. Sedimentary rocks

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618. Metamorphic rocks

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619. An ore

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620. Weathering

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621. Chemical weathering

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622. Physical weathering

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623. Biological weathering

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624. Fossils

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625. Fossil fuels

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626. Coal

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627. A fuel

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628. Fibres

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629. Natural fibres

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630. Artificial fibres

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631. Degradation

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632. Environmental degradation

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633. Environmental conservation

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634. Soil/land degradation

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635. Leaching

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636. Deforestation

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637. Wetland degradation

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638. Pollution

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***P.6 ANIMAL HUSBANDRY (CATTLE KEEPING)***

639. Animal husbandry

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640. Livestock

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641. Cattle

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642. Bull

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643. Cow

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644. Calf

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645. Heifer

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646. Oxen

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647. Bullock

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648. Steer

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649. Type of cattle

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650. Beef cattle

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651. Dairy cattle

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652. Dual purpose cattle

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653. Draught cattle

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654. Breed of cattle

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655. Local breeds of cattle

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656. Exotic breeds of cattle

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657. Cross breeds of cattle

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658. Breeding

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659. In-breeding

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660. Line breeding

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661. Out-breeding

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662. Cross breeding

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663. Upgrading

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664. Selective breeding

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665. Mating

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666. Heat/Estrus period

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667. Oestrus cycle

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668. Insemination

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669. Natural insemination

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670. Artificial insemination

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671. Hand mating

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672. Pasture mating

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673. An inseminator

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674. Artificial inseminating gun

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675. Gestation period

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676. In-calf

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677. Dry period

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678. Steaming up

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679. Lactation period

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680. Milk let down

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681. Calving/Paturation

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682. Colostrum

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683. Weaning

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684. Mother-cow feeding

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685. Nurse-cow feeding

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686. Open bucket feeding

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687. Teat feeding

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688. Milking

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689. Hand milking

.....

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690. Machine milking

.....

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691. A strip cup

.....

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692. A lactometer

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693. Milk preservation

.....

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694. Pasteurization method

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695. Sterilization method

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696. Refrigeration method

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697. Cattle identification marks

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698. Numbering

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699. Branding

.....

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700. Ear notching

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701. Ear tagging

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702. Use of a number lace

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703. Tail bobbing

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704. Ear tattooing

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705. Hoof trimming

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706. Castration

.....

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707. Open castration

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708. Closed castration

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709. Elastration

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710. Dehorning/Disbudding

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711. Deworming

.....

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712. Drenching

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713. A drenching gun

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714. Dosing

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715. Spraying

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716. Dipping

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717. Dip tank

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718. Dusting

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719. Deticking

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720. Zoonotic diseases

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721. Fencing

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722. Natural fences

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723. Pasture

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724. Pasture land

.....

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725. Natural pasture

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726. Prepared pasture

.....

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727. Fodder crops

.....

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728. Silage

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729. Hay

.....

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730. Pasture weeds

.....

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731. Tanning

.....

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732. Rumination

.....

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733. Ruminants

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734. Forages

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735. Concentrates

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736. Supplements

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737. Additives

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738. Grazing

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739. Herding

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740. Paddock grazing

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741. Paddocks

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742. Strip grazing

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743. Tethering

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.....

744. Zero grazing

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745. Cattle shed/Byre

.....

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.....

746. A kraal

.....

.....

.....

747. Feeding trough

.....

.....

.....

748. Water trough

.....

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749. Chaff cutter

.....

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750. An abattoir

.....

.....

.....

751. Milking parlour

.....

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752. Cattle crush

.....

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753. Spray race

.....

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.....

754. Parasites

.....

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755. External/Ecto parasites

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756. Internal/Endo parasites

.....

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757. Farm records

.....

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.....

758. Production records

.....

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759. Health records

.....

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760. Field records

.....

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761. Labour records

.....

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762. Sales and expenses records

.....

.....

.....

763. Inventory records

.....

.....

.....

764. Feeding records

.....

.....

.....

## ***P.6 CLASSIFICATION OF PLANTS***

765. A plant

.....

.....

.....

766. Non-flowering plants

.....

.....

.....

767. Spore bearing plants

.....

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768. A spore

.....

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.....

769. Coniferous plants

.....

.....

.....

770. Flowering plants

.....

.....

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771. Monocotyledonous plants

.....

.....

.....

772. Dicotyledonous plants

.....

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.....

773. Cereals

.....

.....

.....

774. Legumes

.....

.....

.....

775. Shoot system

.....

.....

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776. Root system

.....

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.....

777. Tap root system

.....

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.....

778. Fibrous root system

.....

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779. Primary roots

.....

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780. Secondary roots

.....

.....

.....

781. Storage roots

.....

.....

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782. Osmosis

.....

.....

.....

783. Active transport

.....

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.....

784. Capillary action

.....

.....

.....

785. Translocation

.....

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.....

786. Stetuber crops

.....

.....

.....

787. Stem tubers

.....

.....

.....

788. Bulbs

.....

.....

.....

789. Rhizomes

.....

.....

.....

790. Corms

.....

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.....

791. Simple leaves

.....

.....

.....

792. Compound leaves

.....

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.....

793. Leaf venation

.....

.....

.....

794. Network leaf venation

.....

.....

.....

795. Parallel leaf venation

.....

.....

.....

796. Photosynthesis

.....

.....

.....

797. Transpiration

.....

.....

.....

798. Lenticular transpiration

.....

.....

.....

799. Stomatal transpiration

.....

.....

.....

800. Cuticular transpiration

.....

.....

.....

801. Guttation

.....

.....

.....

802. Chlorophyll

.....

.....

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803. Xerophytes

.....

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.....

804. A flower

.....

.....

.....

805. Stamen

.....

.....

.....

806. Pistil

.....

.....

.....

807. Fertilization

.....

.....

.....

808. Pollination

.....

.....

.....

809. Self pollination

.....

.....

.....

810. Cross pollination

.....

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.....

811. A seed

.....

.....

.....

812. Maonocotyledonous seeds

.....

.....

.....



813. Dicotyledonous seeds

.....

.....

.....

814. Germination

.....

.....

.....

815. Epigeal germination

.....

.....

.....

816. Hypogeal germination

.....

.....

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817. Hypocotyle

.....

.....

.....

818. Epicotyle

.....

.....

.....

819. Seed viability

.....

.....

.....

820. Seed dormancy

.....

.....

.....

821. Seed dressing

.....

.....

.....

822. Tropism

.....

.....

.....

823. Phototropism

.....

.....

.....

824. Hydrotropism

.....

.....

.....

825. Chemotropism

.....

.....

.....

826. Thigmotropism

.....

.....

.....

827. Geotropism

.....

.....

.....

828. A fruit

.....

.....

.....

829. Succulent fruits

.....

.....

.....

830. Berries

.....

.....

.....

831. Drupes

.....

.....

.....

832. Pomes

.....

.....

.....

833. Dry fruits

.....

.....

.....

834. Dehiscent fruits

.....

.....

.....

835. Indehiscent fruits

.....

.....

.....

836. Seed dispersal

.....

.....

.....

837. Plant propagation

.....

.....

.....

838. Seed propagation

.....

.....

.....

839. Vegetative propagation

.....

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## ***P.6 ALCOHOL, SMOKING AND DRUGS IN THE SOCIETY***

840. Alcohol

.....

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841. Fermentation

.....

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842. Distillation

.....

.....

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843. Alcoholism

.....

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844. An alcoholic

.....

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845. Addiction

.....

.....

.....

846. Smoking

.....

.....

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847. Active smoking

.....

.....

.....

848. Passive smoking

.....

.....

.....

849. A smoker

.....

.....

.....

850. An ex-smoker

.....

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851. A drug

.....

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.....

852. Essential drugs

.....

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853.      Labaratory manufactured drugs

.....

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854.      Preventive drugs

.....

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855.      Curative drugs

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856.      Contraceptive drugs

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857.      Pain killers

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858.      Traditional drugs

.....

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859.      Drug prescription

.....

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860. Overdose

.....

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861. Under dose

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.....

862. Expiry date

.....

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863. Manufacture date

.....

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864. Medical consultation

.....

.....

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865. Self medication

.....

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866. Drug misuse

.....

.....

.....



867. Drugs of dependence

.....

.....

.....

868. Drug dependence

.....

.....

.....

869. Sedative drugs

.....

.....

.....

870. Narcotic drugs

.....

.....

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871. Hallucinogens

.....

.....

.....

872. Stimulants

.....

.....

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873. Drug abuse

.....

.....

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## ***P.6 CIRCULATORY SYSTEM***

874. Circulatory system

.....

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875. Blood circulation

.....

.....

.....

876. Pulmonary circulation

.....

.....

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877. Systemic circulation

.....

.....

.....

878. The heart

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879. Heart beat

.....

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.....

880. Pulse

.....

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881. Sphygmomanometer

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882. Blood vessels

.....

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883. Arteries

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884. Veins

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885. Blood capillaries

.....

.....

.....

886. Blood

.....

.....

.....

887.     Oxygenated blood

.....

.....

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888.     Deoxygenated blood

.....

.....

.....

889.     Blood donor

.....

.....

.....

890.     Blood receipient

.....

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.....

891.     Universal donor

.....

.....

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892.     Universal receipient

.....

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.....

893.     Blood transfusion

.....

.....

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894. Blood screening

.....

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.....

895. A microscope

.....

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***P.6 SOUND ENERGY***

896. Energy

.....

.....

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897. Kinetic energy

.....

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898. Potential energy

.....

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899. Sound energy

.....

.....

.....

900. Music

.....

.....

.....

901. Noise

.....

.....

.....

902. Sound vibration

.....

.....

.....

903. Pitch

.....

.....

.....

904. Frequency

.....

.....

.....

905. Volume

.....

.....

.....

906. Amplitude

.....

.....

.....

907. Sources of sound

.....

.....

.....

908. Natural sources of sound

.....

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.....

909. Artificial sources of sound

.....

.....

.....

910. Musical instruments

.....

.....

.....

911. String musical instruments

.....

.....

.....

912. Percussion musical instruments

.....

.....

.....

913. Wind musical instruments

.....

.....

.....

914.      Transmission of sound

.....

.....

.....

915.      Medium of sound

.....

.....

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916.      Vacuum

.....

.....

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917.      Temperature

.....

.....

.....

918.      Wind

.....

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919.      Humidity

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920.      Altitude

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921. Heat

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922. Echo

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923. Echolocation

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924. Sound reflectors

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925. Sound absorbers

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926. Fathometer

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927. Stethoscope

.....

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.....

928. Storage of sound

.....

.....

.....

929. Notation method

.....

.....

.....

930. Recording method

.....

.....

.....

931. The ear

.....

.....

.....

932. Deafness

.....

.....

.....

933. Permanent deafness

.....

.....

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934. Temporally deafness

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935. Sensory deafness

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***P.6 CLASSIFICATION OF LIVING THINGS***

936. Classification of living things

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937. Living things

.....

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938. Growth

.....

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939. Reproduction

.....

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.....

940. Excretion

.....

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941.      Respiration

.....

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942.      Sensitivity

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943.      Feeding

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944.      Vertebrates

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945.      Poikilothermic/warm blooded animals

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946.      Homoeothermic/cold blooded animals

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947.      Birds

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948.     Moulting

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.....

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949.     Feathers

.....

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950.     Grits

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951.     Birds of prey/preying birds

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952.     Scavenger birds

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953.     Climbing birds

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954.     Swimming birds

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955.     Wading birds

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956.     Flightless/walking birds

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957.     Perching birds

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958.     Scratching birds

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959.     Mammals

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960.     Marsupials/Pouched mammals

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961.     Monotremes/Egg laying mammals

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962. Primates/Fingered mammals

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963. Ungulates/Hoofed mammals

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964. Ruminant animals

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965. Non-ruminant animals

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966. Carnivores/Carnivorour/Flesh eating mammals

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967. A predator

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968. Prey

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969. Scavenger mammals

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970. Gnawing mammals

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971. Rodents

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972. Lagomorphs

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973. Insectivores/Insect eating mammals

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974. Chiroptera/Flying mammals

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975. Marine/Sea mammals

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976. Blubber

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977. Amphibians

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978. Tadpole

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979. Aestivation

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980. Spawn

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981. Reptiles

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982. Testudines

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983. Snakes

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984. Venomous snakes

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985. Non-venomous snakes

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986. Constrictors

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987. Lizards

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988. Chameleon

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989. Oviparous animals

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990. Viviparous animals

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991. Ovoviviparous animals

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992. Terrestrial animals

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993. Aquatic animals

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994. Amphibious animals

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995. Nocturnal animals

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996. Diurnal animals

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997. Fish

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998. Aquaculture

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999. Aquarium

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1000. Invertebrates

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1001. Coelenterates

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1002. Worms

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1003. Molluscs

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1004. Arthropods

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1005. Myriapods

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1006. Crustaceans

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1007. Arachnids

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1008. Insects

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1009. Social insects

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1010. Solitary insects

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1011. A parasite

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1012. A host

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1013. Saprophytes

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**END OF P.6**

## ***P.5 PRIMARY HEALTH CARE (PHC)***

1014. Health

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1015. Primary Health Care (PHC)

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1016. Health education

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1017. Sanitation

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1018. Immunisation

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1019. Family planning

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1020. Health parade

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1021. Child to child programme

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1022. Personal hygiene

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1023. Oral health

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***P.5 FOOD AND NUTRITION***

1024. Food

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1025. Nutrition

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1026. Feeding

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1027. A balanced diet

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1028. Breast feeding

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1029. Weaning

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1030. Bottle feeding

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1031. Vulnerable groups of people

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1032. Malnutrition

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1033. Deficiency diseases

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1034. Food beliefs

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1035. Food taboos

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### ***P.5 KEEPING GOATS, SHEEP AND PIGS***

1036. A nanny goat

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1037. Kid

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1038. Kidding

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1039. Ram

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1040. Ewe

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1041. Lamb

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1042. Lambing

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1043. Mutton

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1044. Shearing

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1045. Docking

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1046. Piggery

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1047. Boar

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1048. Sow

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1049. Gilt

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1050. Piglet

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1051. Fallowing

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1052. Pork

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1053. Lard

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1054. Sty

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1055. Hog

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1056. Litter

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1057. Teeth clipping

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### ***P.5 TYPES OF CHANGES***

1058. Biological changes

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1059. Chemical changes

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1060. Physical changes

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1061. Natural changes

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1062. Man made changes

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### ***P.5 BACTERIA AND FUNGI***

1063. Bacteria

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1064. Binary fission/Cell division

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1065. Harmful bacteria

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1066. Antiseptics

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1067. Antibiotics

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1068. Disinfectants

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1069. Fungi

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***P.5 CROP GROWING***

1070. Tuber crops

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1071. Root tubers

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1072. Root tuber crops

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1073. Stem tubers

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1074. Stem tuber crops

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1075. Young famers' club

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***P.5 HEAT ENERGY***

1076. Matter

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1077. Energy

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1078. Cohesion

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1079. Adhesion

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1080. Viscosity

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1081. Physical changes

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1082. Melting

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1083. Condensation

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1084. Evaporation

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1085. Freezing/Solidification

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1086. Deposition

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1087. Mixture

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1088. Solution

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1089. Solute

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1090. Solvent

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1091. Insoluble substances

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1092. Suspension

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1093. Filtration

.....

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1094. Decantation

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1095. Crystallization/Evaporation to dryness

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1096. Distillation

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1097. Floatation

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1098. Dilution

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1099. Winnowing

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1100. Diffusion

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1101. Kinetic energy

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1102. Potential energy

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1103. Heat energy

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1104. Sources of heat

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1105. Calorimeter

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1106. Expansion

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1107. Thermostat

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1108. Contraction

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1109. Heat insulators

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1110. Heat conductors

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1111. Heat reflectors

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1112. Heat absorbers

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1113. Heat transfer

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1114. Conduction

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1115. Convection

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1116. Radiation

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1117. Vacuum

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1118. Breeze

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1119. Land breeze

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1120. Sea breeze

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1121. Thermos/vacuum flask

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1122. Temperature

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1123. Thermometer

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1124. Clinical thermometer

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1125. Mercury

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1126. Thermometric liquids

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1127. Six's thermometer

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1128. Wall thermometer

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1129. Combustion/Burning

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1130. Rusting

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1131. A fuel

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## *P.5 SOIL*

1132. Environment

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1133. Soil

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1134. Soil texture

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1135. Soil structure

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1136. Soil tone

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1137. Soil sampling

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1138. Irrigation

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1139. Soil aeration

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1140. Soil PH

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1141. Soil drainage

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1142. Soil capillarity

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1143. Soil profile

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1144. Soil leaching

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1145. Soil exhaustion/soil infertility

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1146. Soil fertility

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1147. Soil erosion

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1148. Weathering

.....

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1149. Decomposition

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1150. Soil constituents/soil components

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1151. Soil conservation

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1152. Inter cropping

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1153. Crop rotation

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1154. Bush fallowing

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1155. Fertilizers

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1156. Manuring

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1157. Farmyard manure

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1158. Compost manure

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1159. Green manure

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1160. Agroforestry

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1161. Soil pollution

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1162. Soil pollutants

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***P.5 DIGESTIVE SYSTEM***

1163. Digestive system

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1164. Digestion

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1165. Mechanical digestion

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1166. Chemical digestion

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1167. Enzymes

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1168. PH

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1169. Alimentary canal

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1170. Peristalsis

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1171. Food absorption

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1172. Egestion

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***P.5 IMMUNISATION***

1173. Immunization

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1174. Immunity

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1175. Natural immunity

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1176. Artificial immunity

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1177. Vaccines

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1178. Antibodies

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1179. Immunization site

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1180. Immunisable diseases

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1181. Childhood immunisable diseases

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1182. Child to child programme

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1183. Child health card/Immunisation card

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## ***P.5 MEASUREMENTS***

1184. Regular shaped objects

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1185. Volume

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1186. Capacity

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1187. Irregular objects

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1188. Weight

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1189. Mass

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1190. Density

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1191. Hydrometer

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1192. Floating

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1193. Floating objects

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1194. Sinking

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1195. Sinking objects

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1196. Miscible liquids

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1197. Immiscible liquids

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***P.5 KEEPING POULTRY AND BEES***

1198. Poultry keeping

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1199. Poultry

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1200. Moulting

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1201. A type of chicken

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1202. Layers

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1203. Broilers

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1204. Dual purpose chicken

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1205. Cross breeding

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1206. A breed of chicken

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1207. Local breeds of chicken

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1208. Exotic breeds of chicken

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1209. Free range system

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1210. Deep litter system

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1211. Pen/Fold system

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1212. Battery/Cage system

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1213. Poultry vices

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1214. Debeaking

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1215. Incubation

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1216. Natural incubation

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1217. Artificial incubation

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1218. An incubator

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1219. Brooding

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1220. Natural brooding

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1221. Artificial brooding

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1222. A brooder

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1223. Culling

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1224. A parasite

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1225. A host

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1226. Ecto parasites

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1227. Endo parasites

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1228. Solitary bees

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1229. Social bees

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1230. Apiculture

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1231. Apiary

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1232. Apiarist

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1233. Bee colony

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1234. Bee swarm

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1235. Swarming

.....

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1236. Absconding

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1237. Bee hive

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1238. Harvesting honey

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1239. Extraction of honey

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1240. Stocking the hive

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1241. Sitting the hive

.....

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1242. Baits in bee keeping

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**END OF P.5**

***P.4 ANIMAL LIFE (KEEPING RABBITS)***

1243. Rabbit keeping

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1244. Doe

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1245. Buck

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1246. Litter

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1247. Kitten

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1248. Hutch

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1249. Kindling

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1250. Rabbitry

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1251. Rabbit pie

.....

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1252. Cuniculture

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***P.4 VECTORS AND DISEASES***

1253. Vectors

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1254. Metamorphosis

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1255. Complete life cycle

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1256. Incomplete lifecycle

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## ***P.4 COMMUNICABLE DISEASES AND WORM INFESTATION***

1257. Germs

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1258. Communicable diseases

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1259. Non-communicable diseases

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1260. Diarrhoeal diseases

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1261. Diarrhoea

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1262. Dysentery

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1263. Dehydration

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1264. Rehydration

.....

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1265. Solute

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1266. Solvent

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1267. Solution

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1268. Worm infestation

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#### ***P.4 WEATHER CHANGES AROUND US***

1269. Weather

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1270. Water cycle

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1271. Rain

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1272. Rainfall

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**END OF P.4**

**Note:- If you want one of this kind with all the terms defined, please contact the Author through the contacts below.**