**Biology EOC Vocabulary List**

**Define the following words. Skip a line between definitions. Must be handwritten. Must be legible for credit. Definitions must be in complete sentences. Turn in first 100 words on Wednesday 3/20 or all 182 by April 30 for redemption on 1 grade.**

1. Organic Compound

2. Macromolecule

3. Polymer

4. Monomer

5. Carbohydrate

6. Monosaccharide

7. Polysaccharide

8. Lipid

9. Fatty Acid

10. Protein

11. Amino Acid

12. Peptide Bond

13. Enzyme

14. Substrate

15. Lock and Key Model

16. Active Site

17. Nucleic Acid

18. Nucleotide

19. DNA

20. RNA

21. pH

22. Acid

23. Base

24. Buffer

25. Homeostasis

26. Organelles

27. Cells

28. Tissues

29. Organs

30. Organ Systems

31. Organisms

32. Differentiation

33. Unicellular

34. Prokaryotes

35. Eukaryotes

36. Cytoplasm

37. Cell membrane

38. Ribosome

39. Nucleus

40. Mitochondria

41. Central Vacuole

42. Chloroplast

43. Centriole

44. Cell Wall

45. Multicellular

46. Semi-Permeable

47. Phospholipid Bilayer

48. Concentration Gradient

49. Equilibrium

50. Passive Transport

51. Diffusion

52. Osmosis

53. Active Transport

54. Photosynthesis

55. Reactants

56. Products

57. Chlorophyll

58. Stomata

59. ATP

60. Cellular Respiration

61. Aerobic Respiration

62. Anaerobic Respiration

63. Lactic Acid Fermentation

64. Alcoholic Fermentation

65. Producers

66. Herbivores

67. Carnivores

68. Omnivores

69. Decomposers

70. Carbon Cycle

71. Double Helix

72. Deoxyribose

73. Base Pairing Rule

74. Watson & Crick

75. Replication

76. Nucleotide

77. Protein Synthesis

78. Gene Expression

79. Transcription

80. mRNA

81. tRNA

82. Translation

83. Codon

84. Anticodon

85. Mutation

86. Mitosis

87. Centrioles

88. Spindle Fibers

89. Chromosomes

90. Chromatids

91. Meiosis

92. Homologous Chromosomes

93. Diploid

94. Somatic Cells

95. Haploid

96. Gametes

97. Fertilization

98. Zygote

99.Crossing over

100. Nondisjunction

101. Karyotype

102. Trisomy

103. Monosomy

104. Autosome

105. Sex Chromosome

106. Heredity

107. Probability

108. Genetics

109. Gregor Mendel

110. Law of Dominance

111. Law of Segregation

112. Law of Independent Assortment

113. Phenotype

114. Traits

115. Genes

116. Alleles

117. Genotype

118. Dominant

119. Recessive

120. Homozygous

121. Heterozygous

122. Punnett Square

123. Incomplete dominance

124. Codominance

125. Multiple alleles

126. Polygenic Trait

127. Sex-linked Trait

128.Genetic engineering

129. Gel Electrophoresis

130. DNA Fingerprint

131. Transgenic Organism

132. Gene Theraphy

133. Charles Darwin

134. Natural Selection

135. Fitness

136. Adaptation

137. Comparative Embryology

138. Homologous Structures

139. Fossil Record

140. Biochemical Evidence

141. Vestigial Structure

142. Taxonomy

143. Carolus Linnaeus

144. Domains

145. Kingdom

146. Binomial Nomenclature

147. Genus

148. Species

149. Bacteria

150. Archaebacteria

151. Protista

152. Fungi

153. Plantae

154. Animalia

155. Vascular Plant

156. Xylem

157. Phloem

158. Gymnosperm

159. Angiosperm

160. Ecology

161. Ecosystem

162. Biotic

163. Abiotic

164. Population

165. Community

166. Exponential Growth

167. Limiting Factors

168. Carrying Capacity

169. Producer

170. Autotroph

171. Consumer

172. Heterotroph

173. Decomposer

174. Ecological Pyramid

175. Food chain/Food Web

176. Niche

177. Mutualism

178. Commensalism

179. Parasitism

180. Greenhouse Effect

181. Global Warming

182. Ozone Layer