

MINISTRY OF EDUCATION, SCIENCE, TECHNOLOGY AND VOCATIONAL TRAINING

THEMI HILL PRE AND PRIMARY SCHOOL

STANDARD SEVEN SCIENCE HOLIDAY PACKAGE-APRIL, 2020

NAME: ..... DATE: .....

**Fill in the blanks with the correct answers.**

1. What is hormone? \_\_\_\_\_
2. Hormonal system is also called \_\_\_\_\_
3. Which hormone is responsible for fight, flight and fright? \_\_\_\_\_
4. \_\_\_\_\_ is the hormone which regulates production of lymphocytes cells.
5. The level of simple sugar in the blood is controlled by the hormone \_\_\_\_\_ secreted by \_\_\_\_\_
6. Calcium in the body is controlled by the hormone called \_\_\_\_\_
7. The stomach secretes the hormone called \_\_\_\_\_
8. If you do not have enough sleep you must check for \_\_\_\_\_ hormone.
9. Give four examples of organs which secrete hormone:  
i/ \_\_\_\_\_,  
ii/ \_\_\_\_\_,  
iii/ \_\_\_\_\_  
iv/ \_\_\_\_\_
10. The ovaries secrete two types of hormones, one is oestrogen another one is \_\_\_\_\_
11. Cretinism is the result of disorder in hormone known as \_\_\_\_\_
12. If a person is suffering from diabetes, there must be disorder in the hormone secreted by the organ called \_\_\_\_\_
13. Dwarfism is the result of under secretion of \_\_\_\_\_ hormone.
14. The hormone secreted by parathyroid gland is responsible for \_\_\_\_\_
15. The hormone which induces sleep is \_\_\_\_\_
16. Which hormone is responsible for second characteristics of female sex organ? \_\_\_\_\_
17. Over secretion of pituitary growth hormone in early age results into abnormal body size known as \_\_\_\_\_
18. There are two types of cells which secrete hormone in pancreas,  
these are : \_\_\_\_\_ and \_\_\_\_\_

**For each of the following write a corresponding hormone.**

- |                    |                            |
|--------------------|----------------------------|
| 19. Thymus: _____  | 24. Small intestine: _____ |
| 20. Thyroid: _____ | 25. Pancreas: _____        |
| 21. Adrenal: _____ | 26. Parathyroid: _____     |
| 22. Pineal: _____  | 27. Ovaries: _____         |
| 23. Stomach: _____ | 28. Testicles: _____       |
29. Which hormone stimulates growth of secondary characteristics in male? \_\_\_\_\_
  30. \_\_\_\_\_ is the hormone responsible for regulating digestion.
  31. The hormone which controls amount of oxygen uptake in respiratory system is \_\_\_\_\_



32. The hormone which lowers simple sugar in the blood and converts it into glycogen is \_\_\_\_\_
33. The hormone which prepares the uterus for implantation is \_\_\_\_\_
34. Anti diuretic hormone is secreted by the gland known as \_\_\_\_\_
35. Glucose is secreted by cells known as \_\_\_\_\_
36. Goiter results from swelling of \_\_\_\_\_ gland.
37. Where in the body is adrenal gland found? \_\_\_\_\_
38. Name the body organ where thymus gland located? \_\_\_\_\_
39. Parathyroid glands are found inside another gland called \_\_\_\_\_
40. Melatonin is responsible for \_\_\_\_\_ in the body.
41. The gland like \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_ and \_\_\_\_\_ are referred to as ductless glands.
42. Some organs such as \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_ secrete hormones.
43. A gland which secretes the hormone for controlling other glands is \_\_\_\_\_
44. Production of lymphocyte cells is monitored by the hormone secreted by the gland known as \_\_\_\_\_
45. \_\_\_\_\_ is known as male sex hormone.
46. Which hormone prepares the body for emergency situation? \_\_\_\_\_
47. Insulin is secreted by cells called \_\_\_\_\_
48. Islets of langerhans are found in the organ called \_\_\_\_\_

**Give ten examples of hormone**

- |           |           |
|-----------|-----------|
| 49. _____ | 54. _____ |
| 50. _____ | 55. _____ |
| 51. _____ | 56. _____ |
| 52. _____ | 57. _____ |
| 53. _____ | 58. _____ |

59. The hormone needed to convert glycogen in simple sugar/glucose is \_\_\_\_\_
60. The condition caused by under secretion of thyroxin in adult stage of human development where a person forget the past and looks older than actual is called \_\_\_\_\_

**Give one for function of each of the following hormones:**

- |                         |                              |
|-------------------------|------------------------------|
| 61. Melatonin: _____    | 68. Progesterone: _____      |
| 62. Thymosin: _____     | 69. Gastrin: _____           |
| 63. Thyroxin: _____     | 70. Secretin: _____          |
| 64. Parathormone: _____ | 71. Glucagon: _____          |
| 65. Adrenaline: _____   | 72. Insulin: _____           |
| 66. Oestrogen: _____    | 73. Pituitary hormone: _____ |
| 67. Testosterone: _____ |                              |

**Write the name of the hormone which performs each of the functions below:**

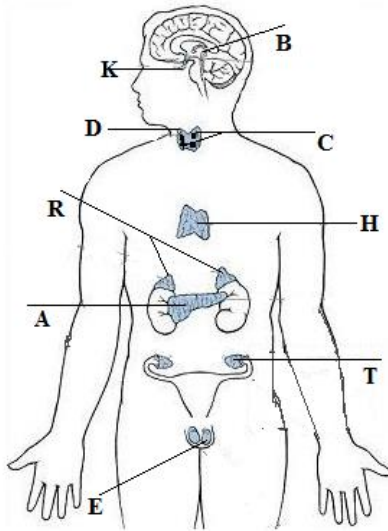
74. To control rate of production of lymphocyte cells: \_\_\_\_\_
75. To stimulate production of gastric juice: \_\_\_\_\_
76. To convert glycogen into glucose: \_\_\_\_\_
77. To prepare the body for fight, flight and fright: \_\_\_\_\_



78. To control the use of calcium and digestion: \_\_\_\_\_
79. To control the amount of oxygen uptake in the respiratory system: \_\_\_\_\_
80. To convert excess glucose into glycogen: \_\_\_\_\_
81. To stimulate the pancreas to secrete pancreatic juice: \_\_\_\_\_
82. To stimulate development of male secondary sexual characteristics: \_\_\_\_\_
83. To prepare the uterus for implantation, to implant the fertilized ovum, to develop placenta, to stop ovulation and prevent contraction of uterus during pregnancy: \_\_\_\_\_
84. To control secretion of hormones from all glands in the body : \_\_\_\_\_
85. To stimulate the development of secondary female sexual characteristics: \_\_\_\_\_

**Write the gland/organ represented by each of the following letters:**

86. Letter T : \_\_\_\_\_
87. Letter D : \_\_\_\_\_
88. Letter R : \_\_\_\_\_
89. Letter H : \_\_\_\_\_
90. Letter K : \_\_\_\_\_
91. Letter C : \_\_\_\_\_
92. Letter B : \_\_\_\_\_
93. Letter A : \_\_\_\_\_
94. Letter E : \_\_\_\_\_



**Write letters for ductless glands**

95. \_\_\_\_\_
96. \_\_\_\_\_
97. \_\_\_\_\_
98. \_\_\_\_\_
99. \_\_\_\_\_
100. \_\_\_\_\_

101. A living organism made up of a single cell is known as \_\_\_\_\_
102. Digestion of starch starts in the part of alimentary canal called \_\_\_\_\_
103. A part of a cell where most chemical reactions takes place is \_\_\_\_\_
104. An animal that feeds on flesh only is known as \_\_\_\_\_
105. The part of a cell where photosynthesis takes place is known as \_\_\_\_\_
106. Which type of food has end product called amino acid? \_\_\_\_\_
107. There are \_\_\_\_\_ molars and premolars in human dentition.
108. Bile helps to break down \_\_\_\_\_
109. The enzyme found in salivary juice is called \_\_\_\_\_
110. Glucose is the end product of \_\_\_\_\_
111. The other name of large intestine is \_\_\_\_\_
112. The inner most part of the tooth is called \_\_\_\_\_
113. The \_\_\_\_\_ is a part of a cell that controls all cell activities like cell division.
114. The blood from the kidney is carried by the blood vessel called \_\_\_\_\_
115. There is an average of \_\_\_\_\_ heart beats per minute in an adult human being.
116. How many teeth does an adult human being have? \_\_\_\_\_
117. Sharp claws and teeth is the characteristics of animals that feed on \_\_\_\_\_

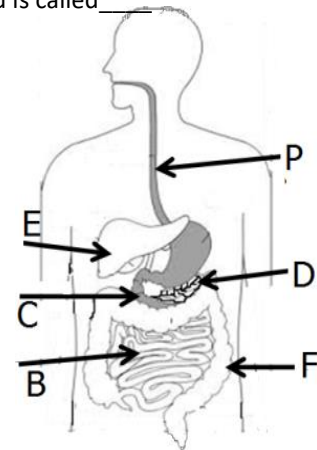


118. An animal that kills and eat another animal is called \_\_\_\_\_
119. There are \_\_\_\_\_ incisors and premolars in the human dentition. \_\_\_\_\_
120. There are \_\_\_\_\_ types of foods that are digested.
121. The substance used to prove presence of \_\_\_\_\_ in the food is iodine tincture.
122. \_\_\_\_\_ is a part of a cell that contains chlorophylls.
123. Which type of teeth does not exist in the dentition of herbivorous? \_\_\_\_\_
124. The liver converts dead \_\_\_\_\_ into bile.
125. A group of cells which have the same function form a \_\_\_\_\_
126. Which of the following organs are in digestive system? \_\_\_\_\_  
(Heart, liver, kidney, lung, veins, pancreas, gullet, duodenum).
127. Among the following, which animals are carnivorous? \_\_\_\_\_
128. The blood vessels that carries the blood from the heart to the lungs is called \_\_\_\_\_
129. What is the name of the organ that stores bile? \_\_\_\_\_
130. The blood vessel that carries the blood from the lungs to the heart is called \_\_\_\_\_
131. An enzyme that acts on starch in the mouth is known as \_\_\_\_\_
132. Beatrice added some drops of Benedict's solution on a sample of food and the food turned into blue, after she concluded that sample was containing \_\_\_\_\_
133. The outer most covering of the tooth is known as \_\_\_\_\_
134. A person with blood group AB is said to be universal recipient, a person who can receive the blood from this person should have the blood group \_\_\_\_\_
135. Which is the strongest chamber of all the four chambers of the heart? \_\_\_\_\_
136. The other name of the oesophagus is \_\_\_\_\_
137. The absorption of the food nutrients takes place in the ileum while most water is absorbed in the \_\_\_\_\_
138. The chemical secreted by the stomach used to kill germs swallowed with food is called \_\_\_\_\_
139. Ulcers are caused by bacteria called \_\_\_\_\_
140. The name of a thick fluid formed from combining food and stomach fluid is called \_\_\_\_\_

**PART III: DIAGRAMS**

Use the following diagram to answer question number 141-145.

141. Name the part labeled C \_\_\_\_\_
142. Write the letter of the part that has villi \_\_\_\_\_
143. Gullet is represented by letter \_\_\_\_\_
144. What is the function of the organ labeled with letter E? \_\_\_\_\_
145. The organ labeled by letter D is called \_\_\_\_\_



Use the following diagram to answer question 146-150

146. Which type of cell is this? \_\_\_\_\_
147. Photosynthesis takes place in the part labeled S \_\_\_\_\_
148. List the letters of main parts of a cell \_\_\_\_\_
149. Write the letter that stands for cytoplasm \_\_\_\_\_
150. Write the name of the part labeled U \_\_\_\_\_

