**HAND OUT 2**

**AUGUST MORNING 2024**

**MARKS: 40**

**TIME: 40 MINUTES**

1. Which part of the ear is responsible for linear movements?
2. Vestibule
3. Semicircular canals
4. Cochlea
5. Auditory ossicles
6. Which part of the ear is responsible for detecting movements at an angle (dynamic movements)?
7. Vestibule
8. Semicircular canals
9. Cochlea
10. Auditory ossicles
11. Which of the following is not a function of cerebrospinal fluid?
12. To exchange nutrients and waste
13. To improve conduction of nerve signals between different brain regions
14. To provide mechanical protection to the brain
15. To carry neuroactive hormones in the nervous system
16. The autonomic nervous system is part of the
17. Somatic nervous system
18. Peripheral nervous system
19. Sympathetic nervous system
20. Parasympathetic nervous system
21. The inner layer of the skin is the
22. Epithelium
23. Epidermis
24. Dermis
25. Nerve layer
26. Which is not a function of the skin?
27. Preventing microbes from entering the body
28. Protecting organs from injury
29. Regulating body temperature
30. Maintaining posture
31. Which structure separates the external and middle ear?
32. The plasma
33. The auditory canal
34. Cerumen
35. The tympanic membrane
36. Which part of the brain connects the cerebrum to the spinal cord?
37. The cerebral cortex
38. The cerebrum
39. The myelin sheath
40. The brainstem
41. The center of thought and intelligence is the…
42. Spinal column
43. Brain stem
44. Cerebrum
45. Medulla
46. Which part of the brain regulates and coordinates body movements?
47. Cerebellum
48. Pons
49. Midbrain
50. Cerebrum
51. Which mineral is important for strong teeth?
52. Potassium
53. Zinc
54. Calcium
55. Phosphorus
56. How many incisors teeth do we have?
57. 4
58. 6
59. 12
60. 8
61. Which teeth help the tongue to swallow food?
62. Premolars
63. Molars
64. Incisors
65. Canines
66. Which of the following protects the inner part of the teeth?
67. Dentin
68. Cementum
69. Pulp
70. Enamel
71. Which part of the tooth contains the blood vessels and keep the tooth healthy and alive?
72. Pulp
73. Enamel
74. Cementum
75. Dentin
76. Which nerve is responsible for sending signals to the brain for vision to take place?
77. Olfactory nerve
78. Optic nerve
79. Oculomotor
80. Vestibulocochlear nerve
81. Which vitamin is synthesized in the skin upon exposure to sunlight?
82. Vitamin A
83. Vitamin B
84. Vitamin C
85. Vitamin D
86. Which of the following is not a component of a hair follicle?
87. Hair bulb
88. Hair shaft
89. Eccrine gland
90. Sebaceous gland
91. The protein that makes up the majority of the hair and nails is called:
92. Collagen
93. Elastin
94. Keratin
95. Melanin
96. What is the primary function of nails?
97. To enhance grip
98. To protect the fingertips
99. To regulate body temperature
100. To produce oil
101. Which structure separates the outer ear from the middle ear?
102. Tympanic membrane
103. Cochlea
104. Semicircular canals
105. Eustachian tube
106. Mr. Sydney cannot see objects far from him clearly. Which condition does he suffer from?
107. Strabismus
108. Amblyopia
109. Hyperopia
110. Myopia
111. Which structure of the eye is responsible for controlling the amount of light entering the eye?
112. Cornea
113. Lens
114. Iris
115. Retina
116. In which part of the eye are the photoreceptors located?
117. Cornea
118. Choroid
119. Sclera
120. Retina
121. Which type of photoreceptor cells are responsible for color vision?
122. Rods
123. Cones
124. Ganglion cells
125. Bipolar cells
126. The tongue is attached at the bottom by
127. Frenulum
128. Hyoid bone
129. Ligament
130. Cartilage
131. How many spinal nerves does the human body have?
132. 48
133. 31
134. 52
135. 28
136. The parts of the tooth are:
137. Enamel, Dentine, Cementum, Pulp and Crown
138. Crown, Root, Pulp and Cementum
139. Enamel, Dentine, Cementum, Pulp and Nerves and blood
140. Enamel, dentine, cementum and jaw
141. The part of the brain that controls breathing is called.
142. Cerebrum
143. Cerebellum
144. Brainstem
145. Meninges
146. Indicate the functions of the following lobes of the brain. 4 mks
147. Frontal lobe
148. Temporal lobe
149. Parietal lobe
150. Occipital lobe
151. Name the parts of the ear… 5 mks
152. Outer ear
153. Middle ear
154. Inner ear
155. Indicate the functions of the following Cranial Nerves… 2 mks
156. Glossopharyngeal Nerve (CN 9)
157. Facial Nerve( CN 7)