19.Define the term species. (1 mark)

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20. State two adaptations of cell membrane to it’s function. (2 marks)

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21.The diagram below represents a cell organelle.

 

 Identify the organelle. (1 mark)

 State two ways in which the organelle is adapted to it’s function. (2 marks)

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22. Distinguish between diffusion and osmosis. (2 marks)

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23.State two functions of bile juice in the digestion of food. (2 marks)

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24. .Study the diagram below and answer the question that follow

 

 What process takes place in E and F. (2 marks)

 E \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 F \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

25. State the functions of the pulp cavity in a mammalian tooth. (2 marks)

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26. .. Explain how the following factors affect the rate of photosynthesis in green plants

1. temperature (1 mark)

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1. size of the leaf (1 mark)

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1. numerous chloroplasts in the mesophyll layer (1 mark)

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27. Distinguish between diffusion and osmosis 2mks…