

THE FOLLOWING RESOURCE MAY NOT COVER ALL FINAL EXAM MATERIAL

Department of Natural Sciences SCB-204

Select the best answer.

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 - B. Esophagus.
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19. Two FADH₂ are produced from the tricarboxylic acid cycle. This will produce _____ ATP's from the electron transport chain.

- A. 1.
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20. All of the following statements are correct **EXCEPT**:

- A. Oxaloacetate is regenerated at the completion of the citric acid cycle.
- B. Glycolysis takes place in the cytosol.
- C. The energy yield from oxidative phosphorylation is much greater than the yield from substrate level phosphorylation.
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21. Pyruvate is converted into _____ in the absence of oxygen.

- A. Lactate.
- B. Oxaloacetate.
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22. Lipolysis of triglycerides produces 3 fatty acids and a _____.

- A. Steroid.
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23. Which of the following are correct statements?

- A. The reactions of beta-oxidation crop fatty acids into three carbon pyruvate units.
- B. Most amino acids are converted into products that are oxidized by beta oxidation.
- C. Fat oxidation generates more ATP than protein or carbohydrate catabolism.
- D. Fat and protein catabolism take place primarily in the cytosol.

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25. The kidney has a role in erythropoiesis.

- A. True.
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26. All are differences between cortical and juxtaglomerular nephrons **EXCEPT**:

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27. Which is the correct order of structures in the formation of urine?

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