

[LB 0212]

AUGUST 2012

Sub. Code: 1601

B.Sc. PHYSICIAN ASSISTANT

FIRST YEAR

PAPER I - ANATOMY, PHYSIOLOGY, BIOCHEMISTRY

Q.P. Code : 801601

Time : Three hours

Maximum : 100 marks

(180 Mins) Answer ALL questions in the same order.

I. Elaborate on :

Pages Time Marks
(Max.)(Max.)(Max.)

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|--|---|----|----|
| 1. Classify the joints and give a detailed account on shoulder joint. | 7 | 20 | 10 |
| 2. Define erythropoiesis. List the different stages of erythropoiesis. Explain briefly about factors regarding it. | 7 | 20 | 10 |
| 3. Give an account of sources, chemistry and deficiency manifestations of Vitamin C. | 7 | 20 | 10 |

II. Write notes on:

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|------------------------|---|----|---|
| 1. Pancreas. | 4 | 10 | 5 |
| 2. Kidney. | 4 | 10 | 5 |
| 3. Pericardium. | 4 | 10 | 5 |
| 4. Brachial artery. | 4 | 10 | 5 |
| 5. Lung Surfactant. | 4 | 10 | 5 |
| 6. Functions of Liver. | 4 | 10 | 5 |
| 7. Heart sounds. | 4 | 10 | 5 |
| 8. Urea cycle. | 4 | 10 | 5 |

III. Short Answers on:

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|---|---|---|---|
| 1. Enumerate the cranial nerves. | 2 | 4 | 3 |
| 2. Femur. | 2 | 4 | 3 |
| 3. Myasthenia gravis. | 2 | 4 | 3 |
| 4. Functions of WBC. | 2 | 4 | 3 |
| 5. Innate immunity. | 2 | 4 | 3 |
| 6. Steatorrhea. | 2 | 4 | 3 |
| 7. Liver function test based on detoxification. | 2 | 4 | 3 |
| 8. Functions of essential fatty acids. | 2 | 4 | 3 |
| 9. Structure of DNA. | 2 | 4 | 3 |
| 10. Hormonal regulation of blood glucose. | 2 | 4 | 3 |
