

[LB 1232]

Sub. Code: 1232

FIRST YEAR B.H.M.S. DEGREE EXAM – AUGUST 2012

Paper - V PHYSIOLOGY- I

Q.P.Code: 581232

Time: 180 Minutes

Maximum: 100 Marks

Answer ALL questions

I. Elaborate on:

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

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|--|----|----|----|
| 1. Describe in detail about the generation and conduction of Cardiac impulses. | 16 | 25 | 15 |
| 2. Define Erythropoiesis. Write in detail the stages of development of Erythrocytes. | 16 | 25 | 15 |

II. Short notes on:

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|--|---|---|---|
| 1. Alveolar air. | 3 | 8 | 5 |
| 2. Transport of oxygen. | 3 | 8 | 5 |
| 3. Arterial Pulse. | 3 | 8 | 5 |
| 4. Reticuloendothelial system. | 3 | 8 | 5 |
| 5. Heart sounds. | 3 | 8 | 5 |
| 6. Lewis triple response. | 3 | 8 | 5 |
| 7. Sarcotubular system. | 3 | 8 | 5 |
| 8. Periodic breathing. | 3 | 8 | 5 |
| 9. ABO blood groups. | 3 | 8 | 5 |
| 10. Hypoxia –classification and cause. | 3 | 8 | 5 |

III. Short Answers on :

- | | | | |
|------------------------------------|---|---|---|
| 1. Mountain sickness. | 1 | 5 | 2 |
| 2. Plasma proteins. | 1 | 5 | 2 |
| 3. Erythrocyte sedimentation rate. | 1 | 5 | 2 |
| 4. Lymph. | 1 | 5 | 2 |
| 5. Respiratory unit. | 1 | 5 | 2 |
| 6. Angina pectoris. | 1 | 5 | 2 |
| 7. Gap junctions. | 1 | 5 | 2 |
| 8. ECG Waves. | 1 | 5 | 2 |
| 9. DNA. | 1 | 5 | 2 |
| 10. Purpura. | 1 | 5 | 2 |
