

Q.P. CODE: 112010

Reg. No:

First Year B.Sc Nursing Degree Examinations, November 2017

Physiology

(2016 Scheme)

Time: 3 Hrs

Max. Marks: 75

- Answer all questions
- Draw diagram wherever necessary

Essay: (12)

1. Define erythropoiesis. Describe the different stages of erythropoiesis. (2+10)

Short essays: (2x7=14)

2. Describe the physiological events in skeletal muscle contraction.
3. Define synapse. What are the properties of synapse

Short notes: (5x5=25)

4. Coronary circulation
5. Carbon-di-oxide (CO₂) transport
6. Hormones of posterior pituitary and their functions
7. Stages of spermatogenesis
8. Types and functions of immunoglobulins

Answer briefly: (3x4=12)

9. Composition and functions of saliva
10. Color blindness
11. Neurotransmitters

Differentiate between: (3x4=12)

12. Proliferative phase and secretory phase of menstrual cycle
13. Active transport and passive transport
14. Skeletal muscle and smooth muscle
