



**Q.P. CODE: 102010**

**Reg. No: .....**

**First Year B.Sc Nursing Degree Supplementary Examinations, June 2016**

**Physiology**

**Time: 3 Hrs**

**Max. Marks: 75**

- Answer all questions
- Draw diagram wherever necessary

**Essays:**

**(2×10=20)**

1. Define erythropoiesis. Describe the different stages of erythropoiesis. Add a note on factors regulating it. (1+5+4=10)
2. Define blood pressure and mention its normal value. Describe the regulation of blood pressure. (2+1+7=10)

**Short notes:**

**(7×5=35)**

3. Functions of skin
4. Properties of cardiac muscle
5. Glomerular filtration rate
6. Functions of placenta
7. Pancreatic juice
8. Errors of refraction
9. Functions of platelets

**Answer briefly:**

**(10×2=20)**

10. Functions of cerebellum
11. Plasma proteins
12. Reflex arc
13. Functions of stomach
14. Cyanosis
15. Oxytocin
16. Diabetes mellitus
17. Functions of saliva
18. Rh incompatibility
19. Jaundice

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