

Q.P. Code: 105007

Reg. No.:.....

First Year BUMS Degree Examinations - November 2016

MUNAFE UL AZA (Physiology) – Paper I

Time: 3 hrs

Max Marks: 100

- Answer all the Questions
- Draw diagram wherever necessary

Essays

(2x15 = 30)

1. Define and explain microscopic structure of cell (Khaliye ki tareef our sakht)
2. Discuss the composition and functions of blood (Dam ki tareef, tarkeeb aur afaal)

Short Notes

(8x5 = 40)

3. Physiological variations of blood pressure (Khoonidabao ki failiyati tabdili)
4. Explain vitamin B₁₂ (Hayateen B₁₂)
5. Types and functions of bone marrow (Mukhe Azam ki qisme our afaal)
6. Explain clotting mechanism (Injemaddudam ka mechania)
7. Explain systemic circulation (Amoomi Dawrane khoon)
8. Explain carbohydrate metabolism (Nishaste ka istehala)
9. Draw and explain epithelial tissue (Naseeje Buhsra ki sakht)
10. Explain functions and composition of lymph (Lymph ki paidaish our tarkeeb)

Answer Briefly

(10x3 = 30)

11. Functions of erythrocyte (R.B.C) (Kuriyate Humra ke afaal)
12. Types of leads in electrocardiograph (E.C.G) (Bardqi Qalbnigari ki Qisme)
13. Mention the deficiency manifestations of vitamin A & D (Hayateen A our D ki kamee ki alamate)
14. Define heart block (Qalbi rukawat ki tareef)
15. Types of clotting factors (Injamaddudam ki qisme)
16. Classify leucocyte (W.B.C) (Kuriyate Baiza ki takseem)
17. Composition of skeletal muscles (Azlate Haikal ki tarkeeb)
18. Functions of endoplasmic reticulum (E.R) (E.R ke afaal)
19. Define basal metabolic rate (B.M.R) (Buniyadi istehale ki tareef)
20. Importance of Rh factor (Rh awamil ki ahmiyate)
