

Q.P. Code: 105007

Reg. No.:.....

**First Professional BUMS Degree Supplementary Examinations
March 2020**

Munafe UI Aza (Physiology) – Paper I

(2015 Scheme)

Time: 3 hrs

Max Marks: 100

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers • Draw table/diagrams/flow charts wherever necessary*

Essays

(2x15=30)

1. Explain carbohydrate metabolism in detail (Nishaste ka istehala).
2. Define and explain cardiac cycle with diagram (Daurae qalbia ki tareef aur tafseel).

Short Notes

(8x5=40)

3. Define coagulation and explain mechanism of coagulation (Injemadudam ki tareef aur mechania)
4. Explain cell division (khaliye ki taqseem).
5. Write the functions of lymph and lymph node (lymph aur lymph node ke affal)
6. Write daily requirement and deficiency of vitamin B₁, B₆, B₁₂ and vit C (Hayateen B₁, B₆, B₁₂ aur C ki yomia miqdaar aur kamiya).
7. Write composition and functions of skeletal muscles (Azlaate haikal ki tarqeeb aur afaal).
8. Define E.C.G. and types of leads (Barqi qalb nigari ki tareef aur qisme).
9. Write types and functions of plasma proteins (saile damvi ki qisme aur afaal)
10. Explain formation of R.B.C. (kuriyate humra ki tauleed).

Answer Briefly

(10x3=30)

11. Deficiency of vitamin E (Hayateen E ki kamiya).
12. Define and write normal blood pressure (zagatudam ki tareef aur tabae miqdaar).
13. Blood groups (damvi jamat bandi).
14. Heart block (Qalbi rukawat).
15. Immunity (Manaat).
16. Mitochondria (mitochondria).
17. Sources of iron (Faulaad ke zariye makhaz).
18. D.N.A. (D.N.A).
19. Platelets (Aqraasedamvia)
20. Chyle (Kailoos).
