

Q.P. Code: 105007

Reg. No.:.....

First Year BUMS Degree Regular Examinations October 2019

Munafe UI Aza (Physiology) – Paper I

(2015 Scheme)

Time: 3 hrs

Max Marks: 100

- **Answer all the Questions**
- **Draw diagram wherever necessary**

Essays

(2x15=30)

1. Define and explain fat soluble vitamins (Hayateen ki tareef shahem-me-hal pazeer vitamins).
2. Define and write composition and functions of blood (Dum ki tareef, tarkeeb aur afaal).

Short Notes

(8x5=40)

3. Explain properties of cardiac muscles (Azlae qalbia ki khususiate).
4. Explain epithelial tissues with functions (Naseeje bushra ki sakth aur afaal).
5. Explain splenic circulation (Tihali daurane khoon).
6. Explain contraction and relaxation of muscles (Azlaati inqebaaz aur imbesaath).
7. Write life span of W.B.C. and classify W.B.C. (khuriyate baize ki hayat aur taqseem).
8. Write the factors affecting B.M.R. (B.M.R. per asarandaz hone wale awamil).
9. Explain fat metabolism (Shahemi istehala).
10. Explain valves of heart (samamaate qalb).

Answer Briefly

(10x3=30)

11. Anemia (Faqrudam).
12. Heart sounds (Qalbi – sauth).
13. Blood bank (damvi bank).
14. Types of RNA (RNA ki kisme).
15. Structure of nervous tissues (Naseeje asbi ki shaakht)
16. Lysosome (Ajsaamemuhallala).
17. Define the blood pressure
18. Water soluble vitamins (Pani men halpazeer hayateen).
19. Types of cell division (taqseemul khaliya).
20. RBC (Kuriyate humra).
