

**Q.P. Code: 105007**

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

**First Professional BUMS Degree Regular/Supplementary  
Examinations June 2022**

**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. Define injemadud dam (coagulation). Explain the process of clotting in detail.
2. Mention the sources, miqdar-o-khuraaq, afaal (daily requirement, functions) and deficiency signs of vitamin D in detail

**Short Notes**

**(8x5=40)**

3. Aswaat-e-qalbiya (heart sounds).
4. What is limfwia (lymph). Explain the structure of a lymph node.
5. List the different types of khurriyat-e baizia (leucocytes) with neat diagrams.
6. Define taadul (homeostasis) and enumerate the effects of homeostasis in brief.
7. Draw and label the structure of khulliyya (human cell).
8. What are the functions of blood.
9. What is electro cardiogram. (ECG)
10. The composition of lymph

**Answer Briefly**

**(10x3=30)**

11. Define daura-e-qalbiya (cardiac cycle).
12. List the functions of aqras-e-damviyah (thrombocytes)
13. The process of cell division.
14. What is erythrocyte sedimentation rate (ESR)
15. Define hayateen (vitamins). How is it classified
16. List the functions of heart valves.
17. Differentiate between cardiac and skeletal tissue.
18. Define catabolism and anabolism.
19. What is beriberi.
20. What is the importance of blood groups (khoon giroh bandi)

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