

**Q.P. Code: 105007**

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

**First Year BUMS Degree Examinations October 2017**

**MUNAFE UL AZA (Physiology) – Paper I**

**Time: 3 hrs**

**Max Marks: 100**

- Answer all the Questions
- Draw diagram wherever necessary

**Essays**

**(2x15 = 30)**

1. Describe Qalb-Ke-Makhsos Inseja Ki Saakht- Aur Afal (structure and functions of special junctional tissues of heart)
2. Explain in detail Khilliya Ki Khurd Beenii Sakat (microscopic structure of cell) with the help of a diagram

**Short Notes**

**(8x5 = 40)**

3. Qalbi Barq-e-Nigari(ECG)
4. Describe about Mana- E-Qabiz- Udam (anti coagulant)
5. Kurriyat- E-Humra (R.B.C)
6. Explain Dawran- E-Qalb (cardiac cycle)
7. Explain the functions of Dam (blood)
8. Describe the types and functions of Naseej-E-Wasil (connective tissue)
9. Describe digestion and absorption of Mawad-E-Lahmiya (proteins)
10. Describe about Nizam-E-Sabkiya-Wa-Mabtee Niya (reticulo- endothelial system)

**Answer Briefly**

**(10x3 = 30)**

11. Names the Tabqat-E-Meda (layer of stomach)
12. Describe about Tawanai (energy)
13. Define Ama Ki Harkat- Doodiya (intestinal movements)
14. Functions of TEHAL (spleen)
15. Types of Kurriyat- E- Abyaz (W.B.C)
16. Amal-E-Ajabat (Defection)
17. Accessory muscle of Tanafus (Respiration)
18. Different types of Luab E- Dahren (salivary secretions)
19. Functions of Hamratud- Dam (hemoglobin)
20. Differences between DNA and RNA

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