

Q.P. Code: 106007

Reg. No.:.....

**First Professional BUMS Degree Supplementary Examinations  
January 2023**

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

**(Common for 2015 and 2016 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. Discuss endocrine part of Pancreas and actions of Insulin in detail ( Bnqras ke ghudood-e-naaqila juz aur Insulin ke Afaal ko mufassal bayan karen)
2. Define Dyspnea and explain regulation of respiration. (usre tanaffus ki tareef aur tanaffus ke regulation ko Tehreer karen)

**Short Notes**

**(8x5=40)**

3. Describe the digestion of proteins in detail (Hazm-e-Laham ko tafseel se bayan Karen)
4. Briefly describe the salivary glands (ghudood-e-Luab-e-dahan ko bayan karen)
5. Explain defecation reflex
6. Write down functions of glucocorticoids.
7. Briefly describe mechanism of vision.
8. Describe the mechanisms involved in heat production. (Taulid-e-hararat ka mechania bayan karen)
9. Explain reabsorption of glucose in renal tubules.
10. Describe the functions of kidneys. (Kulliyatain ke Afaal)

**Answer Briefly**

**(10x3=30)**

11. Xerostomia
12. Muscles of respiration (Azlaat-e-tanaffus)
13. Endocrine glands (Ghudood-e-Naaqila)
14. Emulsification of fats
15. Describe the layers of skin (Jild ke tabqaat)
16. Juxtaglomerular Apparatus
17. Peristalsis (Harkat-e-doodiya)
18. Taste buds
19. Metabolic acidosis
20. Succus entericus

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