

Q.P. Code: 106007

Reg. No.:.....

**First Professional BUMS Degree Supplementary Examinations  
February 2022  
MUNAFE UL AZA (Physiology) – Paper II  
(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 the formation, constituents and functions of gastric juice (Ratoobate medi ki paidaish, ajzae tarkeebi aur afaal)
2. Explain the role of estrogen and progesterone on menstrual cycle (Dawrae haiz ki tareef, uske asraat)

**Short Notes**

(8x5 = 40)

3. Explain formation of urine (Qarooraa banne ka amal)
4. Explain spermatogenesis (Darjate haiwane manvia)
5. Explain mechanism of respiration (Tanafus ka mechania)
6. Hormones of anterior and posterior pituitary gland (Gudde nukhamia ke harmone)
7. Draw and explain structure of skin (Jild ki sakht)
8. Explain the structure of spinal cord (Nukha ki sakht)
9. Effects of asphyxia (Habse tanafus ke asraat)
10. Explain movements of small intestine (Harkate amae sagira)

**Answer Briefly**

(10x3 = 30)

11. Insulin (Insulin)
12. Surfactant (Surfactant)
13. Orthopnea (Intesabe tanafus)
14. Muscles of eye ball (Ain ke azlaat)
15. Functions of liver (Kabad ke afaal)
16. Defecation (Amale Dafa)
17. Cyanosis (Neelgooni)
18. Functions of kidney (Kuliye ke afaal)
19. Cushing syndrome (Awarize Cushing)
20. Tidal volume (Hawae nafs)

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