

Q.P. Code: 106007

Reg. No.:.....

**First Professional BUMS Degree Supplementary Examinations  
March 2020**

**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. With the help of neat diagram, explain the role of kidney maintaining the acid base balance (Kuliye ka role acid base balance per).
2. Draw, define and explain menstrual cycle in detail (Tams ki shakl, tareef, aur daurae tams).

**Short Notes**

**(8x5 = 40)**

3. Explain structure of eye ball (Ain ki sakht).
4. Explain histology of skin with diagram (jild ki sakht).
5. Write composition and functions of gastric juice (Ratubate medi ki tarkeeb aur afaal).
6. Describe medulla oblongata and its functions (Mubdaunnukha ki sakht aur afaal).
7. Write composition and functions of saliva (Gudude luwabia ki tarkeeb aur afaal).
8. Write the anterior and posterior pituitary hormones (Muqaddam aur moakhar guddae nukhamia ke johar)
9. Explain spermatogenesis (kirme manviya ki tashkeel).
10. Structure of tongue with functions (lissan ki sakht aur afaal).

**Answer Briefly**

**(10x3 = 30)**

11. Ovulation (Ikhraje baiza).
12. Insulin (Insulin).
13. Fertilization (Barawari).
14. Surfactant (Surfactant).
15. Functions of nerve (Asab ke afaal).
16. Semen (Nutfa).
17. Sex link disease (Jinsi – marz).
18. Asphyxia (Habse tanafus).
19. Adrenal medulla (Fauqul kuliya).
20. Female reproductive organs (Zanana taulidi aza).

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