

**Q.P. Code: 106007**

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

**First Year BUMS Degree Examinations October 2018**

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

**(2015 Scheme)**

**Time: 3 hrs**

**Max Marks: 100**

- Answer all the Questions
- Draw diagram wherever necessary

**Essays**

**(2x15 = 30)**

1. Explain the process of toulid-e-mani (spermatogenesis) in detail.
2. Explain the composition, mechanism of regulation and functions of rutubat-e-maydi (gastric juice) in detail

**Short Notes**

**(8x5 = 40)**

3. What is ikhraje boul (micturition). Explain the structure of the urinary bladder.
4. Explain in brief about the exchange of oxygen and carbon di-oxide in the lungs and tissues.
5. Describe the mechanism of sweat (paseena) from the sweat glands.
6. What are the endocrine (ghudood –e ghair naqila) functions of banqras (pancreas).
7. What is implantation
8. The functions of medulla oblongata
9. Enumerate the hormones released from the ghudood-e-nukhaniya (pituitary gland)
10. The physiology of sh'amma (smell) in detail

**Answer Briefly**

**(10x3 = 30)**

11. Define amal-e-tabveez (ovulation).
12. List any four functions of ghudood-e darqiya (thyroid gland).
13. What are the asabi (nervous) centres of tanaffus (respiration)
14. Define glomerulus. Write its functions.
15. Mention the movements occurring in the small intestine (anthon ki harkat).
16. List the functions of khussiyatur reham (ovaries)
17. List the structures of nizame basarath (eye)
18. Mention the importance of artificial respiration.
19. Differentiate between sweat glands and sebaceous glands.
20. What is ghair tabayee hararath (abnormal body temperature).

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