

Jan-21

BLDE (DEEMED TO BE UNIVERSITY)

Pre – Ph.D Course Work Examination

Paper II: BACKGROUND PAPER (BIOCHEMISTRY)

QP CODE - 6016

Duration: 1 ½ Hrs

Max Marks: 50

I Answer the following

5 x 2 = 10 Marks

1. Two functions of Rt-PCR:
2. Two functions of Vitamin C.
3. Name two vascular diseases.
4. Name two kidney function tests.
5. Function of cytochrome p 450.

II Answer ANY FOUR of the following

4 x 5 = 20 Marks

6. Vasculogenesis vs Angiogenesis.
7. Erythropoietin.
8. Oxidative stress.
9. Ketoacidosis.
10. Scanning electron microscopy.

III Answer ANY TWO of the following

2 x 10 = 20 Marks

11. Describe briefly about glucose homeostasis.
12. Describe briefly about the renin-angiotensin-aldosterone mechanisms.
13. Describe briefly about the angiogenic proteins and add a note on genetic regulation of angiogenesis.