

PRE-PH.D COURSE WORK EXAMINATION

[Max.Marks : 50]

[Time : 1 ½ Hours]

Paper – II : BACKGROUND PAPER (BIOCHEMISTRY)

QP CODE : 6016

TOPIC : Evaluation of biochemical parameters in polycystic ovarian syndrome in women in and around sangareddy region

I. Answer the following

5x2=10 marks

1. Hyper insulinism
2. LH
3. Stein leventhal syndrome
4. Sex hormone binding globulin
5. Ovulatory dysfunction

II. Answer ANY FOUR of the following

4x5=20 marks

6. Ferrieman Gallwey score
7. Hypothalamic-pituitary-ovarian dysfunction
8. Wedge resection of ovaries
9. Androgenic synthesis and action
10. Gestational DM

III. Answer ANY TWO of the following

2x10=20 marks

11. Explain principle, procedure and application of Spectrophotometer.
12. Explain in detail how your study will be beneficial in the medical field.
13. Explain in brief hypothalamo-pituitary-ovarian axis.

May-2014

BLDE UNIVERSITY

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TOPIC : Influence of Oxygen Sensitive VEGF Gene Expression in Pulmonary Tuberculosis and its correlation with Erythropoietin and TNF-Alpha.

I. Answer the following

5x2=10 marks

1. Two functions of vitamin C
2. Name two tuberculosis tests
3. Name some age related disorders?
4. Types of hypoxia
5. Name tuberculosis vaccine

II. Answer ANY FOUR of the following

4x5=20 marks

6. TB and HIV
7. Functions of lungs
8. Oxidative stress
9. ELISA
10. Erythropoietin

III. Answer ANY TWO of the following

2x10=20 marks

11. Describe briefly about the prevention and management of tuberculosis
12. Describe briefly about the VEGF gene expression
13. Describe briefly about the cytokines and its role on pulmonary tuberculosis

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PAPER - II: BACKGROUND PAPER (BIOCHEMISTRY)
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Duration : 1 ½ Hrs

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I Answer the following

5X2=10 marks

1. Superoxide dismutase
2. Metalloproteinases
3. VEGF
4. C type lectin
5. Serum catalase

II Answer ANY FOUR of the following

4X5=20 marks

6. Histology of large artery
7. Neutralisation of myotoxicity
8. Thin layer chromatography
9. Antioxidants
10. Daboia Russelli habitat

III Answer ANY TWO of the following

2X10=20 marks

11. Explain principle, procedure and application of Gel filtration
12. Explain in detail how your study will be beneficial in the medical field
13. Illustrate types, classification, general features, habitat and medicinal uses calotropis Gigantea R.Br