

084/20

The West Bengal University of Health Sciences
M.D. (Biochemistry) March-April, 2020 Examination

Paper III

Full Marks:100

Time : 3hours

Attempt all questions

1. Describe the biochemical basis of clinical features of urea cycle defect. 10
2. Genetic recombination is responsible for immunoglobulin diversity . 10
3. Compare and contrast : 2 X 5
 - a) Hormone sensitive lipase and Hepatic lipase.
 - b) Pasteur effect and Warburg effect.
4. P53 is an antioncogene – Explain. 10
5. Cell adhesion molecules and matrix metalloproteinase activity plays key role in tumour metastasis . 10
6. Toll like receptor. 10
7. Write short notes on, Regulation of gene-expression by alteration of RNA stability. 10
8. What is Hydroxylase cycle. Describe 2,4-dinitrophenol as a banned drug. 10
9. Compare and contrast between, Genetic code & 2nd Genetic code. 10
10. Disorders of Chromosomal imprinting. 10