MBBS Enzymes – Biochemistry Chapter Wise Previous Exam Questions conducted by KUHS (Kerala University of Health Sciences)

1. Define enzymes. Classify enzymes according to IUB system with one example each. Mention three enzymes commonly estimated after myocardial infarction (1+3+6=10)

2. Define and classify enzymes. Give one example for each class and mention the reaction catalysed.

3. What are enzymes. Explain briefly the factors affecting the velocity of enzyme catalyzed reactions.

4. Explain different types of enzyme inhibition giving suitable examples

5. What is meant by suicide enzyme inhibition? Explain with one example

6. List two clinical examples of competitive inhibition

7. Regulation of enzyme activity

8. Diagnostic significance of serum enzymes

9. Name different types of specificity shown by enzymes with examples/ Enumerate three types of enzyme specificity

10. Isoenzymes

11. Pro-enzymes

12. Allosteric enzymes

13. Ribozymes

14. Zymogen activation

15. What is the basis of curdling of milk?

16. Mention any two enzymes used as therapeutic agents

17. Define Km value/ Define Km value and state its importance

18. Enzymes as markers of myocardial infarction

19. Give the normal serum values of CPK-MB

20. Name the coenzyme required for transamination reactions

21. Name two therapeutic enzymes/Mention one therapeutic use of enzyme

22. Mention the zinc containing enzymes

23. List two reactions where the folic acid is the co-enzyme

24. Michaelis Menten constant

25. Significance of km values

26. What are cathepsins