

Q. P. Code:51383

[Time : 2 ½ Hour]

[Total Marks: 75]

Please check whether you have got the right question paper.

- N.B.:**
1. All questions are compulsory.
 2. Figures to the right indicate full marks.
 3. Draw neat and labelled diagrams whenever necessary.
 4. Answer the questions in order.

Q.1 Describe the following :

A)Types of enzyme inhibitors. **07**

OR

A)Cofactors and coenzymes. **07**

B)Classification of enzymes. **08**

OR

B)Industrial applications of enzymes. **08**

Q.2 Explain the following :

A)Shivering thermogenesis. **07**

OR

A)Problems of living in the terrestrial environment. **07**

B) Brown fat. **08**

OR

B) Positive feedback mechanism. **08**

Q.3 With the help of a well labelled diagram describe the following:

A)T.S. of salivary gland. **07**

OR

A)T.S. of trachea. **07**

B)T.S. of duodenum. **08**

OR

B)V.S. of tooth. **08**

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Q.4 Give an account of the following :

A) Caseous and fat necrosis.

07

OR

A) Autopsy.

07

B) Causes and effects of jaundice.

08

OR

B) Gangrene.

08

Q.5 Write notes on:

A) Concept and significance of Km.

04

OR

A) Zymogens.

04

B) Acclimation.

04

OR

B) Ectothermy.

04

C) T.S. of liver

04

OR

C) Mucosal papillae.

04

D) Cloudy swelling.

03

OR

D) Clinical pathology.

03
