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Total No. of Pages : 01

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M.Sc.(MLT) (Biochemistry) (2015 to 2017) (Sem.-2)
VITAMINS, HORMONES, GENERAL PHYSIOLOGY AND
NUTRITION

Subject Code : MMLT-203

M.Code : 62509

Time : 3 Hrs.

Max. Marks : 100

INSTRUCTIONS TO CANDIDATES :

- 1. Attempt any FIVE questions out of EIGHT questions.**
- 2. Each question carries TWENTY marks.**

- 1) Discuss in detail fat soluble vitamins.
- 2) a) Discuss in detail how vitamins play a key roles in the citric acid cycle.
b) Write a short note on enzymes as fermentation products.
- 3) Explain how proteins and lipids are digested and absorbed in our body.
- 4) Write a detailed note on :
 - a) Mechanism of respiration
 - b) Interferons
- 5) Discuss with the help of suitable diagram the mechanism of muscle contraction.
- 6) Write notes on :
 - a) Genetic basis of nitrogen fixation
 - b) Lactose intolerance
- 7) Write briefly on trace elements and their metabolism in the body.
- 8) Describe in detail fermentation and discuss its various pathways.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.