

[This question paper contains 2 printed pages]

Your Roll No. :

Sl. No. of Q. Paper : **13227** **I**

Unique Paper Code : **32157915**

Name of the Paper : Physiological
Anthropology

Name of the Course : **B.Sc. (H) Part-III,**
CBCS

Semester : VI

Time : 3 Hours

Maximum Marks : 75

Instructions for Candidates :

- (a) Write your Roll No. on the top immediately on receipt of this question paper.
 - (b) Attempt **any five** questions.
 - (c) All questions carry equal marks.
1. Describe and discuss various physiological responses to extreme cold environment with relevant examples.
 2. What are the principles of effective physical conditioning techniques? Discuss with example.
 3. Describe various methods of assessing body composition? Elaborate.

P.T.O.

4. What are the various physiological adjustments during transition from resting homeostasis to submaximal and maximal exercise?
5. How environmental and genetic factors contribute to Obesity? Discuss.
6. What is the impact of occupation on cardio-respiratory functions? Elaborate your answer with the help of suitable examples.
7. What is Physical Fitness? Discuss various components of physical fitness with relevant example.
8. Write an essay on oxygen transport system citing suitable example.
9. Write short notes on any **two** of the following:
 - (a) Life style disease
 - (b) Physical working capacity
 - (c) Static and Dynamic lung functions
 - (d) Body measurements and respiratory functions
