



WEST BENGAL STATE UNIVERSITY

B.Sc. Honours 6th Semester Examination, 2021

ANTADSE04T- ANTHROPOLOGY (DSE3/4)

Time Allotted: 2 Hours

Full Marks: 40

The figures in the margin indicate full marks.

Candidates should answer in their own words and adhere to the word limit as practicable.

1. Answer any **two** questions from the following: (within 800-1000 words each) 10×2 = 20
 - (a) What is Physiological Anthropology? Briefly discuss the aims and scope of Physiological Anthropology. 4+6
 - (b) What is respiratory function? Briefly discuss the determinants of the static and dynamic lung function in human. 2+8
 - (c) What is CVD? Briefly explain determinants of CVD with suitable examples. 2+8
 - (d) What is Metabolism? Discuss about the factors affecting metabolic rate. 2+8
2. Answer any **two** questions from the following: (within 300-400 words each) 5×2 = 10
 - (a) Write a short note on Spirometry and its utility.
 - (b) How body dimensions (weight, body mass, body fat etc.) are related to CVD?
 - (c) Briefly explain the concept of work capacity in physiology.
 - (d) What are the risk factors for CVD?
3. Answer any **five** questions from the following: (within 25-30 words each) 1×5 = 5
 - (a) What is metabolic rate?
 - (b) Why metabolic rate is considered as a health measure?
 - (c) What is extracellular fluid?
 - (d) What do you mean by respiratory functions?
 - (e) What is screening?
 - (f) What is lung function test?
 - (g) What is risk factor?
 - (h) What is heat tolerance?

4. Answer the following questions by choosing correct options:

1×5 = 5

- (a) Sapirometry value depends on
- | | |
|--------------|-----------------------|
| (i) Only age | (ii) multiple factors |
| (iii) gender | (iv) none of these |
- (b) Hypertension is a type of
- | | |
|-----------------------|---------------------------|
| (i) CVD | (ii) environmental stress |
| (iii) CVD risk factor | (iv) none of these |
- (c) Lung function test is also called as
- | | |
|-----------------------------|------------------------|
| (i) Pulmonary function test | (ii) Holter monitoring |
| (iii) EKG | (iv) None of these |
- (d) Extracellular fluid contains
- | | |
|--------------------|--------------------|
| (i) Glucose | (ii) Fatty acid |
| (iii) All of these | (iv) None of these |
- (e) Smoking can effect
- | | |
|---------------------|--------------------|
| (i) Lung function | (ii) CVD |
| (iii) Both of these | (iv) None of these |

N.B. : *Students have to complete submission of their Answer Scripts through E-mail / Whatsapp to their own respective colleges on the same day / date of examination within 1 hour after end of exam. University / College authorities will not be held responsible for wrong submission (at in proper address). Students are strongly advised not to submit multiple copies of the same answer script.*

—X—