

B.Sc. 6th Semester (Honours) Examination, October 2020

Subject: PHYSIOLOGY

Course ID: 62516

Course Code: SH/PHY/603/DSE-3 (T)

Course Title: Environmental Physiology

Full Marks: 15

Time: 45 Minutes

The figures in the margin indicate full marks.

Candidates are required to give their answers in their own words as far as practicable.

Answer all the questions.

UNIT I

1. Answer any three of the following questions: (1×3=3)
- (a) What is biomagnification?
 - (b) Define decibel.
 - (c) What is ED₅₀?
 - (d) Name two food adulterants.
 - (e) What is BOD?
 - (f) What is epidemic?
 - (g) Write the name of two green house gases.
 - (h) What is photochemical smog?

UNIT II

2. Answer any two of the following questions: (3×2=6)
- (a) Briefly mention the effects of thermal pollution on environment. 3

- (b) Mention the advantages of bioremediation. Give any one example of solid waste management. 2+1
- (c) Discuss the effects of biological oxygen demand. 3
- (d) How acid rain is formed? 3
- (e) Write the effect of global warming. 3
- (f) Write a short note on ozone hole. 3

UNIT III

3. Answer any one of the following questions: (6×1=6)
- (a) What do you mean by ionizing radiation? Mention the adverse effects of ionizing radiation on human body. 1+5=6
- (b) What is noise? Write the effect of sound pollution on human health. 2+4= 6