

B.Sc. 3rd Semester (Honours) Examination, 2020-21

PHYSIOLOGY

Course ID: 32514

Course Code: SH/PHY/304/GE-3 (T)

Course Title: Environmental Pollution and Human Health

Time: 1 Hour 15 Minutes

Full Marks: 25

The figures in the margin indicate full marks.

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

1. Answer any five questions from the following:

1×5=5

- (a) What is PAN?
- (b) Write any two examples of green house gas.
- (c) Define BOD.
- (d) What do you mean by eutrophication?
- (e) What are Biodegradable pollutants?
- (f) What is conductive deafness?
- (g) What is bio-remediation?
- (h) Give two examples of solid waste.

1. Answer any two from the following questions:

5×2=10

- (a) Write down the causes of acid rain. Mention the harmful effects of acid rain.
3+2=5
- (b) What is ozone layer depletion? Write down the causes of ozone layer depletion.
2+3=5
- (c) What is the concept of safe drinking water? Mention the ill effects of arsenic pollution.
2+3=5
- (d) What are the uses of radiation in modern science? Discuss the health effects of radioactive pollution?
2+3=5

3. Answer any one from the following questions:

10×1=10

- (a) Explain the causes, effects and control measurement of water pollution. What is COD?
2+3+3+2=10
- (b) Briefly describe the methods of solid waste management. What is sludge? **8+2=10**