

**B.Sc. 3<sup>rd</sup> Semester (Programme) Examination, 2020-21**

**PHYSIOLOGY**

**Course ID: 32518**

**Course Code: SP/PHY/301/C-1C (T)**

**Course Title: Environmental Hazards and Human Physiology**

**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 from the following questions: 1×5 = 5**

- (a) What is Smog?
- (b) What do you mean by PPM?
- (c) What is conductive deafness?
- (d) Give two examples of solid waste.
- (e) Mention one health hazards of radioactive substances.
- (f) Name two green house gases.
- (g) What is biomagnifications?
- (h) Define BOD.

**2. Answer any two from the following questions: 5×2 = 10**

- (a) Write short notes on acid rain and black foot disease. 2 ½ + 2 ½ = 5
- (b) What is ionizing radiation? Write the effects of radio nucleotide pollution on human health. 2+3=5
- (c) What is ozone hole? Mention the adverse effects of ozone hole on human health. 1+4=5
- (d) What is global warming? Discuss the factors affecting global warming. 1+4=5

**3. Answer any one from the following questions: 10×1=10**

- (a) Mention the sources, adverse effect and controlling measures of noise pollution. 2+5+3=10
- (b) What are the primary pollutants? Discuss the adverse effects of air pollution on human health. Mention its controlling measures 2+5+3=10