

GREENLAWNS HIGH SCHOOL
SEMESTER 2 EXAMINATION
CHEMISTRY
IX – 13/2/23

Maximum Marks: 80

Time allowed: Two hours

Answers to this Paper must be written on the paper provided separately.

The time given at the head of this Paper is the time allowed for writing the answers.

Attempt all the questions from Section A. Attempt any four questions from Section B.

The intended marks for questions or parts of questions are given in brackets [].

SECTION A
(Attempt all questions)

Question 1

Choose the correct answers to the questions from the given options.
(Do not copy the question, Write the correct answer only.)

[16]

- (i) According to Mitchell urbanization is **not** a process of
- (a) becoming urban
 - (b) moving to cities
 - (c) moving to rural areas
 - (d) changing from agriculture to services
- (ii) The people in the rural areas like to adapt to the urban _____ culture
- (a) materialistic
 - (b) mystical
 - (c) traditional
 - (d) religious

- (iii) South Asia has slum population of
- (a) 88.9 million
 - (b) 189.6 million
 - (c) 110.7 million
 - (d) 190.7 million
- (iv) Extension of urban boundaries to the out skirts of the cities is referred as
- (a) smart village
 - (b) sprawls
 - (c) small village
 - (d) town
- (v) There are less chances of epidemic in developed countries due to
- (a) clean environment
 - (b) pleasant climate
 - (c) developed infrastructure
 - (d) genetics
- (vi) First group of twin peak countries has world's
- (a) 13% of ppp and 45% of population
 - (b) 45% of ppp and 13% of population
 - (c) 55% of ppp and 23% of population
 - (d) 23% of ppp and 55% of population
- (vii) According to UNICEF 22000 _____ dies each day due to poverty.
- (a) women
 - (b) men

- (c) children
 - (d) villagers
- (viii) First world nations are often
- (a) developed
 - (b) undeveloped
 - (c) developing
 - (d) poor
- (ix) World bank defines moderate poverty as
- (a) more than \$2 a day
 - (b) less than \$2 a day
 - (c) equal to \$2 a day
 - (d) less than \$2 a month
- (x) International day for eradication of poverty is celebrated on
- (a) 2 October
 - (b) 17 October
 - (c) 1 May
 - (d) 31 October
- (xi) _____ is a result of poverty.
- (a) Hunger
 - (b) Death
 - (c) Under development
 - (d) Loss of biodiversity

- (xii) Nuclear wastes are very harmful as they cause
- (a) both somatic and genetic disorder
 - (b) only somatic disorder
 - (c) only genetic disorder
 - (d) only mental disorder
- (xiii) Conversion of wasteland into forests with the help of local people is known as
- (a) joint forest management
 - (b) agro forestry
 - (c) community forestry
 - (d) social forestry
- (xiv) _____ is a temple pond in Tamil nadu.
- (a) Eris
 - (b) Embarks
 - (c) Johads
 - (d) Kunds
- (xv) Trophic level with lowest amount of energy is
- (a) apex level
 - (b) bottom level
 - (c) primary level
 - (d) producer level
- (xvi) Disease results due to release of toxic substance in water bodies.
- (a) aarskog disease
 - (b) addison's disease

- (c) marek disease
- (d) minamata disease

Question 2

- (i) List four causes of environmental problems. [2]
- (ii) What is environmental science? [2]
- (iii) What is cellular respiration? where does it occurs in the cell? [2]
- (iv) Explain detrital web with example. [2]

Question 3

- (i) What are modern methods of rainwater harvesting? [2]
- (ii) What are Johads? [2]
- (iii) What is an agro forestry? [2]
- (iv) Explain how agricultural activities have caused land pollution. [2]

Question 4

- (i) How is poverty measured at international level? [2]
- (ii) List the two environmental issues focused by each Northern countries and Southern countries. [2]
- (iii) What are push factors which causes rural to urban migration? [2]
- (iv) What is an UN habitat? [2]

SECTION B

(Attempt any **four** questions from this section)

Question 5

- (i) What are impacts of slum development? [5]
- (ii) Explain in short five causes of urbanisation. [5]

Question 6

- (i) Describe how poverty is measured at a country level. [5]
- (ii) Write a note on non-monetary indicators of poverty. [5]

Question 7

- (i) Explain human activities that causes soil erosion. [5]
- (ii) Explain in brief the effects of land pollution. [5]

Question 8

- (i) What are ill effects of constructing large dams? [5]
- (ii) What are threats to groundwater? [5]

Question 9

- (i) Define pyramid of numbers. Draw upright pyramid of number and inverted pyramid of number. [5]
- (ii) What is trophic level? Explain in short different trophic levels. [5]

Question 10

- (i) What are included in the study of environmental science? [5]
- (ii) Explain the non-renewable factors which add pressure on land resources. [5]