

BIOLOGY

Board – ICSE

Class – 10

Topic – Population

1. Fill in the blanks:

- (i) Total population in India in 1999 was _____.
- (ii) Another term for birth rate is _____.
- (iii) Minerals are resources of _____ energy.
- (iv) Pregnancy can be avoided by using _____.

2. True or false. If false rewrite the wrong statement in its correct form:

- (i) The present human population is about more than 5 billion.
- (ii) Growth rate of a population is the difference between the birth rate and death rate.
- (iii) The sign of family planning and welfare in India is blue triangle.

3. Multiple choice questions:**(i) The study of population is referred to as:**

- a) Population dynamics
- b) Population sociology
- c) Demography
- d) Population Ecology

(ii) Which one of the parents is biologically responsible for sex of the child?

- (a) Father
- (b) Mother
- (c) Both the parents,
- (d) Supernatural power

(iii) All of the statements regarding models of logistic population growth are correct except:

- a) Density-independent factors limit population growth
- b) Density-dependent factors limit population growth
- c) Intraspecific interactions limit population growth
- d) They apply to the majority of populations.

4. Give technical terms:

- (i) The number of individuals belonging to different age groups.
- (ii) The rapid increase in population.
- (iii) The technical term used for the difference between birth rate and death rate in population.

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(iv) The surgical removal of testes.

5. Name the following:

- (i) The cutting and ligation of vas deferens in males.
- (ii) Name any two Non-renewable resources of energy.
- (iii) Name any two renewable resources for the mankind.

6. Explain the terms:

- (i) Population density.
- (ii) Death rate
- (iii) Emigration

7. Differentiate between Immigration and Emigration.

8. Why do you think there is stability or a decline in the population of developed countries?
Give reasons.

9. What factors govern the growth of population?

10. What is a census? Why is it important?

11. Write some benefits of a small family.

12. How is the electronic media educating people about the importance of small families?

13. Give technical terms:

- (i) Write the full form of MTP.
- (ii) The methods to prevent union of sperms with the ovum.
- (iii) The number of individuals going out from a population to join another one in a new locality resulting in the decrease of the original population.

14. Name the following:

- (i) The size of a population in relation to per unit area at a given time.
- (ii) Another term for birth rate.
- (iii) No. of deaths per 1000 people per year.

15. Explain the terms:

- (i) Carrying capacity
- (ii) IUD

16. What are the problems faced by India owing to the 'population explosion'?

17. What is the popular sign for the Family Planning and Welfare Centers in India?

18. Our resources cannot keep pace with the ever increasing population. Give three examples in support of this statement.