



PERL EDUCATION

PRIMARY EDUCATION & RIGHTEOUSNESS LEARNING

ALUMNI OF IITs / NITs

JEE - 2021 RESULT



NISHIT PODAR
IIT



YASHODHAN SONUNE
NIT

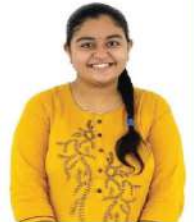


CHAYTALI JAWALEKAR
NIT

NEET - 2021 RESULT



SHREYA MULEY
AIIMS



VIDISHA JOSHI
AIIMS

Ch - 14 : Population

OUR ICSE - 10th TOPPERS



Nishad Shirke
(97.6%)



Kirti Giri
(97.6%)



Nakul Thombare
(96.6%)



Shreya Muley
(96.6%)



Rajat Talwar
(96.4%)



Arya Dharmadhikari
(96.2%)



Aliya Khan
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Sara Sonawane
(95.6%)



Vaibhavi Dhoot
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Aditya Dabhadkar
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Kamini Karanjikar
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Pradnya Muley
(95.2%)



Taniya Pathak
(95.2%)



Anushka Dhumak
(94.2%)



Alfiya Khan
(94%)



Yashaswi Jaju
(93.6%)



Dipti Jami
(93.6%)



Isha Durge
(93.2%)



Aditya Sosc
(93.2%)



Krisha Singhal
(91.8%)



Samidha Deshmukh
(91.8%)



Syed Fawaz
(91%)

Short Questions

Question 1: Define growth rate of population. In what situation can this rate be negative?

Question 2: What factors govern the growth of population?

Question 3: What is meant by 'population density'? How are women operated to prevent the flow of eggs into oviduct?

Question 4: What is a census? Why is it important?

Question 5: Write difference between immigration and Emigration.

Question 6: How will you find out?

Question 7: Our resources cannot keep pace with the ever increasing population. Give three examples in support of this statement. Question 8: Mention any two reasons for the rapid increase in population in recent times

Question 9: Write some benefits of a small family.

Question 10: Write some major disadvantages of large family. Answer: The main disadvantages are:

Question 11: Write briefly the need to control population (any four points). Answer: The needs to control population are:

Question 12: Explain briefly the idea contained in the following statement. There will be increasing dependence on sources of energy other than coal and petroleum in the future.

Question 13: Give five reasons why family planning has often failed in the rural villages and countryside?

Question 14: Explain briefly the relation between poverty and population.

Question 15: How is the electronic media educating people about the importance of small families?

Question 16: Mention three steps to control the increasing human population in India.

Question 17: How is human population checked at present?

Question 18: What is the popular sign for the Family Planning and Welfare Centres in India?

Question 19: (i) Describe the four methods of birth control practiced in India.

Name two surgical techniques (for man and woman) to prevent pregnancy.

Question 20: What are the problems faced by India owing to the 'population explosion'?

Question 21: State two methods of contraception, one a barrier method and one which is not a barrier method. For each method named give two advantages and one disadvantage of the method.

Give Reasons

Question 1: Birth rate is high in India.

Question 2: Why do you think there is a stability or a decline in the population of developed countries?

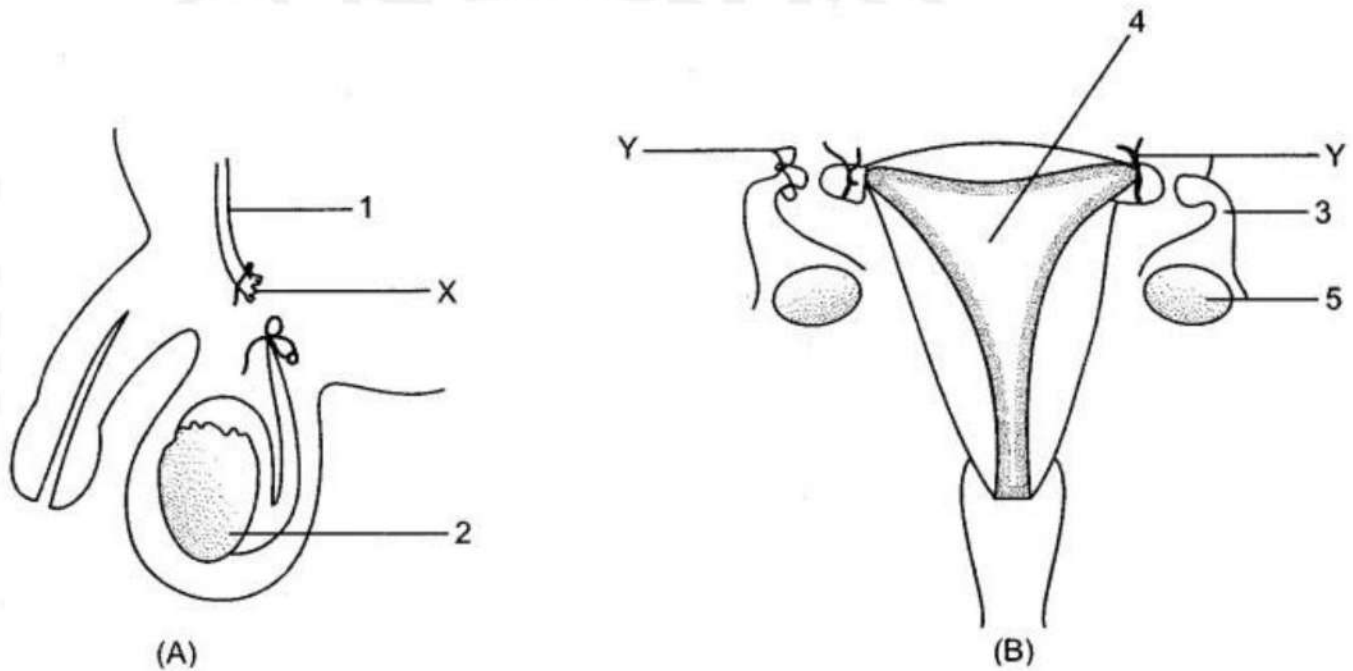
Question 3: Medical discoveries such as antibiotics and vaccinations have indirectly contributed to the sharp rise in human population in the present century.

Question 1: Natality rate and Mortality rate.

Question 2: Immigration and Emigration.

Diagram Based Questions

Question 1: Observe the diagram A and B given below:



- (i) Label parts 1 – 5.
- (ii) What does diagram A depict?
- (iii) What does diagram B depict?
- (iv) What comment on X and Y.
- (v) State one function each of part 2 and 4.

Explain the Terms

Question:

1. Age-ratio
2. Natality
3. Physical enumeration
4. Population density.
5. Death rate
6. Emigration
7. Carrying capacity
8. IUD

Name the Following

Question:

1. A group of organisms of the same species living in a geographically localized area and capable of interbreeding.
2. The size of a population in relation to per unit area at a given time.
3. Changes that occur in population due to alteration in mortality, sex ratio, age groups.
4. Another term for birth rate.
5. The addition of new individuals to the population from other localities is called.
6. No. of deaths per 1000 people per year.
7. The cutting and ligation of vas deferens in males.
8. Name any two Non-renewable resources of energy.
9. Name any two renewable resources for the mankind.

Give Technical Terms

Question:

1. A statistical study of human population of a region.
2. The number of individuals belonging to different age groups.
3. The comparative number of males and females in a population.
4. The rapid increase in population.
5. What is the present population of Delhi, India and the world?
6. The technical term used for the difference between birth rate and death rate in population.
7. The zoological name of man.
8. The surgical removal of testes.
9. Write the full form of MTP.
10. The methods to prevent union of sperms with the ovum.
11. The number of individuals going out from a population to join another one in a new locality resulting in the decrease of the population.

Fill in the Blanks

Complete the following sentences with appropriate words:

1. World population in 1994 was _____
2. Total population in India in 1999 was _____
3. The population of whole of Asia beyond 2001 AD is expected to be _____
4. Another term for birth rate is _____

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5. Population increases in _____ ratio while food production increases in arithmetic ratio.
6. Minerals are resources of _____ energy.
7. The sign of family planning in India is Inverted _____
8. Pregnancy can be avoided by using _____

True & False

Mention, if the following statements are True or False. If false rewrite the wrong statement in its correct form:

1. The present human population is about more than 5 billion.
2. Birth rate is the number of live births per 100 of population per decade.
3. Growth rate of a population is the difference between the birth rate and death rate.
4. The sign of family planning and welfare in India is blue triangle. (False, The sign of family planning and welfare in India is red triangle.)
5. Urbanization is the process of growing urban population.
6. Mortality is the number of deaths per thousand of the population per decade. (False, Mortality is the number of deaths per thousand of population per year.)
7. The full form of IUD is intrauterine devices.

Choose the Odd One Out

1. Immigration, Decline in death rate, Emigration, Increase in birth rate.
(Emigration)
2. Progestins, Condoms, IUD, Cervical caps. (Progestins)
3. Abortion, Tubectomy, Vasectomy, IUD. (IUD)
4. Land, Industry, Water, Energy, Minerals. (Industry)

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Column 'II' is a list of items related to ideas in Column 'I'. Match the term in Column 'II' with the suitable idea given in Column 'I'.

Column I	Column II
(i) Family Planning	(a) Counting of population
(ii) Vasectomy	(b) Sterilization in female
(iii) Tubectomy	(c) T.R. Malthus
(iv) Census	(d) Sterilization in male
(v) Malthusian theory	(e) Red triangle.