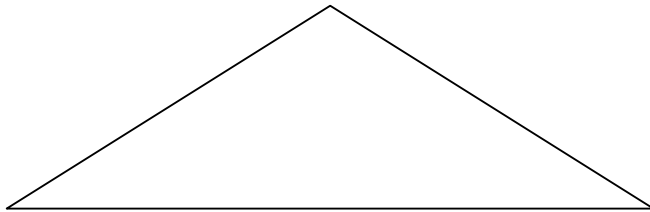


NTSE 2011 – Delhi state - Questions

1. Deuterium, tritium and protium are isotopes of _
2. If there is one duck before a duck, one duck behind the duck and the one in the centre, how many ducks are there?
3. How many times in a clock are the two hands of the clock at straight angles in 24 hours?
4. The no. of parliament members in lok sabha are _
5. An example of sun rise industry _
6. Article 17 refers to which fundamental right?
7. The capital of chalukyas is _
8. Who was the second president of india ?
9. What is the minimum age of a person to become chief minister of a state?
10. Who is the only woman follower among the initial followers of the dandi march?
11. Transport and communication are examples of _ activities



12. This is the population pyramid of a developing country. What does the broad base and the tapering of at the end indicate?
13. Parallel rays of light converge at _ in a convex lens

Some of the questions based on memory are :

1) A voice with a higher pitch will have :

- a) Increase amplitude
- b) Decreased amplitude
- c) Increased frequency
- d) Decreased frequency

2) El Niño is

- a) Ocean current
- b) cyclone
- c) Volcano
- d) None of the above

3) Find the missing number

4, 10, __, 82, 242

4) Who was the revenue minister of Akbar

- a) Mansingh
- b) Bhanupratap
- c) Todarmal
- d) None of the above

5) Who is responsible for making laws

- a) Parliament of India
- b) State assembly
- c) State assembly and Parliament
- d) None of the above

6) Which is known as Golden Fibre

- a) Jute
- b) Tea
- c) Coffee

7) Newly fertilised egg has which chromosomes

- a) Only X
- b) Only Y
- c) X and Y
- d) XX

8) Osmosis is

- a) Flow of water from low current to high current

9) What is $1 + \frac{1}{1+\frac{1}{1+\frac{1}{1+\frac{1}{1+\dots}}}}$

10) Student : School ::

- a) Patient : Hospital
- b) Black Smith : Axe
- c) Carpenter : Saw
- d) Goldsmith : Ornament