

KHEL MAHAKUMBH 2019

DISCLAIMER

RULES FOLLOWED FOR ANALYSIS.

1. Age verification, age segregated between 01-01-2007 and 01-04-2011
2. Data relevance and cleaning rules:

Height: Range (85.5 and upper limit scrutinized)

- a. Eliminated zeros.
- b. Decimal numbers multiplied by 10 to fit in range
- c. Height in 1000s divided by 10 to fit in range
- d. Data not following the above rules and not fitting in range were eliminated. Some case Scrutinized on benefit of doubt.

SBJ: Range (50-250)

- a. Eliminated zeros.
- b. Decimal numbers multiplied by 10 to fit in range
- c. SBJ in 1000s divided by 10 to fit in range.
- d. SBJ above 250 and below thousand eliminated. Lower limit scrutinized.
- e. Data not following the above rules and not fitting in range were eliminated. Some case Scrutinized on benefit of doubt.

30m Dash : Range (4.5 to 8) [In some case lower limit relaxed]

- a. Eliminated zeros.
- b. 30 m under 3 seconds eliminated.
- c. 30 m in 5000s, 6000s, 7000s,8000s divided by 1000 to fit in range.
- d. 30 m in 500s, 600s, 700s,800s divided by 100 to fit in range.
- e. 30 m in 50s, 60s, 70s,80s divided by 10 to fit in range.
- f.d. Data not following the above rules and not fitting in range were eliminated. Some case Scrutinized on benefit of doubt.

3. Sorting Age wise: Data sorted in ascending order for ranking purpose.

4. Male and Female data segregation

5. Male and Female Sorting Logic:

Logic A : Priority on SBJ over 30m dash

Logic B: Proirity on 30m dash over SBJ

Logic used to balance out the candidates and giving equal priority to all the parameters of concern

6. Rankings based on both logic, two separate ranking systems on the basis of the dual logic system.

7. Merging the ranks based on the requirement of age based split up. i.e 150 for age 8. 200 for age 9, 250 for age 10, 300 for age 11 and 400 for age 12.

8. Eliminating the duplicate values in order to obtain unique values for the names using serial number.