



School Education & Sports Department

RTE 25% Reservation - Maharashtra Online Admissions 2014-15

Lottery Logic

RTE Maharashtra Online Admissions 2014-15

Lottery Logic for School allocation (Provisional) -

1. Lottery should be executed only for the schools which has got more no. of applications than the School intake as per 25% reservation.
2. All the eligible candidates should be considered for all their preferred schools allotment. No candidates will be dropped after the allotment for one school. E.g. if the candidate applied for 5 schools, he/she may be allotted to all 5 schools or less than 5 schools.
3. For the allotment, priority should be given to candidates residing within the range of 1 KM radius from the school and then for the candidates residing within the range of 2-3 KM radius from the schools applied.
4. After the completion of School allotments to the candidates residing within the radius of 1 KM, candidates residing within the radius of 2-3 KM will be considered for the remaining vacancies with the lottery logic as explained below.

Lottery Process (Physical) –

1. Lottery will be carried out in the auditorium.
2. There will be number of bowls exactly equal to the digits of maximum number of applications received for any of the schools applicable & is a part of this process.
eg. Max. No. of applications received for XYZ school is 599. Hence as the number of digits in 386 is = 3, bowls taken in consideration for the draw of lottery will be = 3.
 - a. First Bowl for Last Digit – 0 to 9 digits
 - b. Second Bowl for Second last digit – 0-9 digits
 - c. Third Bowl for Third last digit – 0-5 digits (Assuming that max no. of applications per school not greater than 599)
3. In the auditorium, one of the parent / candidate (*Person*) will be called for collecting the digits from the bowls.
4. The *Person* will pick the chits having digits 0 to 9 randomly from first bowl, then from second bowl, then 3rd Bowl one by one.
5. Chits will be taken out from all the three bowls one by one for last digit, second last digit & third last digit respectively.
6. There is a situation where the chits will not be there (for 3rd Bowl/third last digit) In this Zero (0)/Null value will be considered as a third last digit for that bowl.
7. All the rounds of collecting all the chits from bowls will be carried out one by one serially at the same time.

8. All the digits will be entered in the software, serially round wise in the table mentioned below –

Sr.No	3rd Last Digit Bowl	2 nd Last Digit Bowl	Last Digit Bowl
1	4	7	6
2	2	4	9
3	5	1	0
4	3	9	3
5	1	5	1
6	0	0	7
7	0	2	8
8	0	8	2
9	0	3	5
10	0	6	4

9. After writing all the digits in the system, the process of lottery in the system will start by pressing a button '**GENERATE LOTTERY**'

Lottery Process (System Logic) –

First Round of Allocation for Candidates residing within the range of 1KM radius from the schools applied -

1. Generate List of Schools with no. of applications within the range of 1 KM radius.
2. Arrange the schools on descending order on the basis of no of applications received for 1 km.
3. Check the schools with their 25% reservation vacancies.
4. Allocate all the candidates to the schools whose no of applications are equal or less than the 25% reservation vacancies.
5. Actual lottery logic will be implemented for the schools which are remaining i.e. whose vacancy is less than the no. of applications received.

6. Arrange the remaining schools in descending order on the basis of no. of applications received.
7. Generate the school wise list of candidates for the remaining schools
 - a. All the candidates who applied to the school will be considered
 - b. The list will be generated on the order of application form number.
 - c. Serial No will be generated from 1 to max. no of applications. (**Sample Data attached in sample data sheet**)
8. Order the data with respect to Last digit, second last digit & Third Last Digit. (**Sample Data attached in ordering sheet**)
9. Get the Vacancy of the school and allot the no of candidates as per the vacancy from top to bottom till the vacancy exists as per the Serial no order. (**Marked in color in ordering sheet.**) e.g. If the school has 300 Capacity, as per 25% reservation , the vacancy will be 75. Please check the lottery table, as the third last digit will be max 2 in 299 candidates/applications, so in ordering as per the order of lottery table 2,0 & 1 will be considered.
10. So all the vacancies will be filled.
11. Same logic will be applicable for all the remaining schools for its 1 km areas candidates.
12. Same logic will be considered for 2-3 km candidates for the remaining vacancies from point no 1 to 10.