

NATIONAL ACHIEVEMENT SURVEY (NAS)

Class X (Cycle 2)

2017-18

FIELD NOTES (FN)

(To be filled in by the Field Investigator)

Complete all entries before start of the test administration

1. Date of Survey [in DD MM YYYY format]

D	D	M	M	Y	Y	Y	Y
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2. UDISE Code

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3. Complete Name and Address of the School _____

4. Name of the State _____ Name of the District _____

5. Area Code of the School (1 – Rural, 2 – Urban)

6. Is it a replacement school? If yes, reasons for replacement _____

7. Section and Medium in which test administered (Use medium code as per sample list) :

Section

Medium

8. Name & Designation of Head of the School _____

(Sign. of the Field Investigator)

(Name in Capital letters) _____

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NCERT

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सत्यमेव जयते

Government of India
MHRD

9. a. In case Class is a Single Section:

i. Number of students Enrolled in the Class

ii. Number of students taken the tests

iii. Number of selected students absent on the day of testing

b. In case Class has more than one Section:

i. Number of sections of Class

ii. The serial number of the selected section

iii. Number of students enrolled in the selected section

iv. Number of students taken the tests

v. Number of selected students absent on the day of testing

10. Details of Teachers, teaching the selected section:

S.No.	Teacher's Name	Subject(s)	Present (P)/Absent (A)
1.			
2.			
3.			
4.			
5.			

11. Provide following information for all sections of Class X

Number of students belonging to different SOCIAL GROUPS	
Social Group	No. of Students
SC	
ST	
OBC	
Other	
Total Students	

Number of students belonging to different DISABILITY GROUPS	
Disability Group	No. of Students
LD -Locomotor Disability	
VI -Visual Impairment	
HI -Hearing Impairment	
S&LD -Speech & Language Disability	
ID -Intellectual Disability	
OthD -Other Disability	
Total Students	

Procedure for the Selection of a Section

(If the school has more than one section in a Class then select section from verified medium only)

If there are **more than one section** in the selected school in a class then select only one section through random sampling method as specified in this annexure.

Note down the information of all sections of Class X as shown below:

S.No. of Section	Section Name	Medium of Instruction	Number of Students Enrolled	No. of Students Present on the day of testing	Selected Section (Please tick \checkmark mark)
1.					
2.					
3.					
4.					
5.					
Total Students					

How to get Random Number: Use school UDISE code digits of District and School to calculate random number as shown below:

UDISE CODE SYSTEM

0	1	1	2	0	3	1	2	3	1	3
State Code		District Code		Block Code		Village Code			School Code	

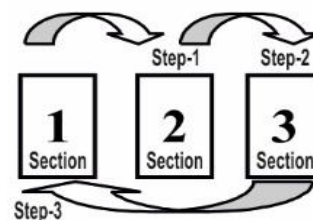
Example-1:

A. Add together the two digits of the district code (8th & 9th digit from right) and the two digits of the school code (1st & 2nd digit from right) from UDISE code as shown below:

District code '12' and School code '13'

Random Number = 1 + 2 + 1 + 3 = 7

B. Write down the serial numbers of the sections in a line as shown in the figure. Starting from section '1', move to next section at a time in a cyclic fashion, and continue till you get to the number calculated at **A** above as a result. The section where you stop is the section selected.



Starting at section sr. no. '1' to 7 steps bring us to section sr. no. '2' i.e. Section-B. Test the students in section 'B'.

Note: If the Random number comes out in 2 digits i.e., 21 then add these two digits again like- 2+1=3, so the Random Number is 3. (Repeat the process until get 1 digit random number).

Conditions for Selection of the Students

1. If the selected school has presence less than 15 students in the class on the day of survey then survey is to be conducted in that school communicate the same to DC/ADC immediately.
2. If the selected school has minimum 15 and not more than 45 students in the class then take all of them.
3. If there are more than 45 students in the selected section in a Class, then select only 45 students as per procedure.

Procedure for the Selection of Students

Step-1 : List all the students of the selected Section/Class as per school register in **SHEET-I**.

Step-2 : Calculate the Sampling Interval (SI) by using formula given below or follow the table of SI :

$$\text{Sampling Interval (SI)} = \frac{\text{Total number of students enrolled in selected section/class in the school}}{45}$$

Example: Suppose the total enrollment in the selected section/class in the school is 78, then

$$SI = \frac{78}{45} = 1.73 \text{ (rounded to 2)}$$

Example: Suppose the total enrollment in the selected section/class in the school is 58, then

$$SI = \frac{58}{45} = 1.28 \text{ (rounded to 1)}$$

Note: If the value after decimal is equal to or more than 0.50 then it would be rounded to next whole number and if the value after decimal is less than 0.50 then it would be rounded to preceding whole number.

Table: Ready Reckoner for Sample Interval (SI)

Number of Students in the selected section/class in the school	46-67	68-112	113-157
Sample Interval	1	2	3

Step-3 : In order to select the first student by Random Start (RS) method, follow the procedure as below:

Example: If the **District Code** = 12
 and **School Code** = 13
 Add the **District code + School Code** = 1+2+1+3
 Then, Random start (RS) = 7

Step-4 : Select your first student from serially arranged students' list (**SHEET-I**) at S.No.'7' (take reference of Step-1 above). The next student will be selected as per following method:

RS+SI; RS+2SI; RS+3SI; RS+4SI, likewise...

For example: If SI is 2, then the selected students would be at serial number 7, 9, 11, 13, 15, 17, 19...

$\frac{RS}{7}$	+	$\frac{SI}{2}$	=	9	;	$\frac{RS}{7}$	+	$\frac{2SI}{4}$	=	11	;	$\frac{RS}{7}$	+	$\frac{3SI}{6}$	=	13
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Step-5 : If you get the end of list before getting 45 students, then continue the process from the beginning until you have selected 45 students.

Step-6 : If by chance you get again to a student already selected in this process, then select the immediate next student and continue your counting following the same process until you get 45 students.

Step-7 : Allot Student ID against each selected student in **Sheet-I**. Transfer students' names, (As per class register), and other details in **SHEET-II** as per their Student ID serially.

SHEET - I

List all students of selected section/class as per School Attendance Register.

(If total number of students in the Class/selected section, is more than given space, use additional photocopy of Sheet-I).

GENDER : 1 - Boy, 2 - Girl, 3 - Other	CATEGORY : 1 - SC, 2 - ST, 3 - OBC, 4 - Other
Children With Special Needs (CWSN)-Type of Disabilities:	
1 - None (No Disability);	2 - LD (Locomotor Disability);
3 - VI (Visual Impairment);	4 - HI (Hearing Impairment);
5 - S&LD (Speech & Language Disability);	6 - ID (Intellectual Disability);
7 - OthD (Other Disability)	

S.No.	Name of Students	Gender	Category	CWSN	Allot Student ID
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					

Additional Sheet for SHEET-I

S.No.	Name of Students	Gender	Category	CWSN	Allot Student ID

SHEET - II

List of 45 Selected Students arranged serially according to Student ID (in case the selected section/class has less than 45 students, then list all the students and allot student ID).

Name of the Selected Section _____

Attendance: Please mark 'A' in 'Attendance' column for selected absentees.		
GENDER : 1 - Boy, 2 - Girl, 3 - Other	CATEGORY : 1 - SC, 2 - ST, 3 - OBC, 4 - Other	
Children With Special Needs (CWSN)-Type of Disabilities: 1 - None (No Disability); 2 - LD (Locomotor Disability);		
3 - VI (Visual Impairment); 4 - HI (Hearing Impairment); 5 - S&LD (Speech & Language Disability);		
6 - ID (Intellectual Disability); 7 - OthD (Other Disability)		
TEST FORM No.: Language - 11, 12, 13 Social Science - 41, 42, 43	Mathematics - 21, 22, 23 MIL - 51, 52, 53	Science - 31, 32, 33

Student ID	Name of the Student	Attendance	Gender	Category	CWSN	Test Form Number
01						
02						
03						
04						
05						
06						
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

Student ID	Name of the Student	Attendance	Gender	Category	CWSN	Test Form Number
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						
33						
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