

**SHRI JAIN VIDYA PRASARAK MANDAL'S ADHYAPAK
MAHAVIDYALAYA, CHINCHWAD, PUNE - 033**



**B. ED. COURSE: 210
BASICS OF RESEARCH**

NAME OF THE STUDENT TEACHER

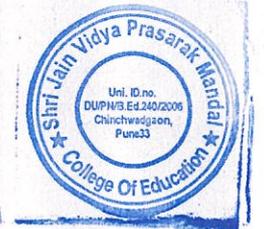
Sneha. Dashrath. Tamhankar

ROLL NO

38

INCHARGE

Asst. Prof. Jawalika Arunkumar. D.



2022-2023

Sam

EXAM SEAT NO	PROPOSAL MARKS OF 30	RESEARCH REPORT MARKS OUT OF 70	TOTAL MARKS OUT OF 100	CONVERTED MARKS OUT OF 50
	22	60	82	41

**SHRI JAIN VIDYA PRASARAK MANDAL'S ADHYAPAK
MAHAVIDYALAYA, CHINCHWADGAON, PUNE 411033.**

Name of the Student: Sneha. Dashrath. Tamhankar Roll No : 38

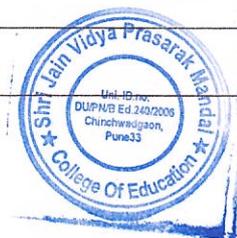
B.Ed. 210 : BASICS OF RESEARCH

EVALUATION SCHEME

Rating Scale - Unsatisfactory: 1 Average: 2 Satisfactory: 3 Good: 4 Excellent: 5

Sr. No	Section	Criteria	1	2	3	4	5	
01	Research Proposal	Initial Page and Introduction				✓		
02		Title & Objectives of the study				✓		
03		Need and Significance of the research			✓			
04		Hypothesis/ Research Questions				✓		
05		Method, Population, Sample, Tools			✓			
06		Flowchart of Research work and Time Schedule				✓		
		Out of 30					22	
07	Research Report	Initial Pages				✓		
08		Introduction, Statement of the problem & Objectives of the study				✓		
09		Hypothesis/ Research Questions, Scope, Limitations and Delimitations				✓		
10		Method of Research				✓		
11		Population, Sample and Sampling				✓		
12		Tools of Data Collection & Statistical Techniques					✓	
13		Selection of Tools (Objectivewise)				✓		
14		Administration of Tool and Data Collection				✓		
15		Analysis and Interpretation: Tabulation/ Graphical Representation				✓		
16		Summary, Findings, Conclusions					✓	
17		Appendices				✓		
18		Evidences of Research				✓		
19		Overall Impression					✓	
20	Presentation	Presentation of Research Report					✓	
		Out of 70					60	
		Obtained Total Marks out of 100					82	
		Converted Marks Out of 50					41	

Qualitative Feedback, (if any): _____



Good!

Sign with Date of Professor In-charge

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12	Evidences of Research संशोधन पुरावे

(SAMPLE FRONT PAGE- RESEARCH PROPOSAL)

RESEARCH TITLE

RESEARCH PROPOSAL SUBMITTED TO SAVITRIBAI PHULE PUNE
UNIVERSITY PUNE FOR THE PARTIAL FULFILMENT OF B.ED.
COURSE 210 UNDER EDUCATION FACULTY

RESEARCHER

Sneha. Dashrath. Tamhankar.

ROLL NO 38

GUIDE

Asst. Prof. Jawalitar. Arunkumar D.

STUDY CENTER

SHREE JAIN VIDYA PRASARAK MANDAL ADHYAPAK MAHAVIDYALAYA,
CHINCHWADGAON, PUNE 33

ACADEMIC YEAR

20 - 2023
22



RESEARCH PROPOSAL संशोधन आराखडा

To study of Problem in understanding
concept types of Noun, Std: 6th
Student from Acharya Shri Anand
Rushi English Medium School, Chichwad.

Research Proposal and Report Submitted
to

Savitribhai Phule Pune University for
the fulfilment of BEd course: 210 under
Education faculty Researcher.

Sneha. Tamhankar.

Guide.

Study Centre

Shri Jain Vidya Prasarak Mandals
College of Education, Chichwad, Pune-33.

YEAR

2022-2023 .



INTRODUCTION प्रस्तावना: _____

Student will be able to understand different types of nouns.

Students will be able to write nouns in written format and say in orally too.

Students will be able to define different types of nouns (Proper noun: singular & plural)

Students will be able to identify noun in sentences.

STATEMENT OF THE PROBLEM & TITLE समस्या विधान आणि शीर्षक:

To study of problem in understanding concept of types of noun in Std 6th.

T



OBJECTIVES OF THE STUDY संशोधन अभ्यासाची उद्दिष्टे:

Below are the objectives of the study.

- 1) To define & provide example of noun
- 2) To identify various objectives/objects.
- 3) To use correct pronunciation
- 4) To find out difficulty noun
- 5) To develop programme to check the effectiveness.

NEED AND SIGNIFICANCE OF THE RESEARCH संशोधनाची गरज आणि महत्त्व:

Educational technology provides different method and techniques for instructional materials. It plays an important role for teaching and learning noun for students.

It helps the students in improving and learning types of nouns and identifying them. It helps the students to improve their knowledge with the help of different instructional materials.



The need for the study is to identify ways to make the student understand Types of ~~newer~~ noun.

It will also highlight the difficulties the 6th std students face in understanding Types of Nouns.

Above are the need and significance of the study.

HYPOTHESIS/ RESEARCH QUESTIONS संशोधन प्रश्न/ संशोधन परिकल्पना:

Students of 6th std are facing difficulty understanding Types of Nouns.

By using different innovative ideas, various examples, different activities to support the teaching.

Using different ways to find out what difficulty the student face while understanding Types of nouns? (6th std)

RESEARCH METHOD संशोधन पद्धती:

In the present Research the researcher will be using Experimental Method as Research Method.



POPULATION जनसंख्या:

The population of present Research consist of all the 6th Standard students, studying in Acharya Shri Anand, Rushiji, English Medium, Chichwad Pune. for the academic Year - 2022-2023 following the Maharashtra State Board Syllabus.

Total Students:- 30 count.

SAMPLE न्यादर्श:

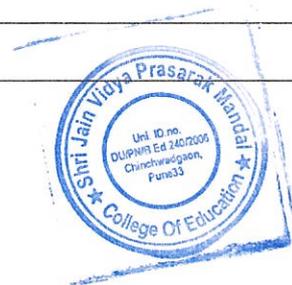
In the present Research sample consist of 30 students from 6th std. which will be selected randomly.

The samples will help us know where the problem lies and give us an idea about the problem in understanding Types of Nouns.

TOOLS संशोधन साधने:

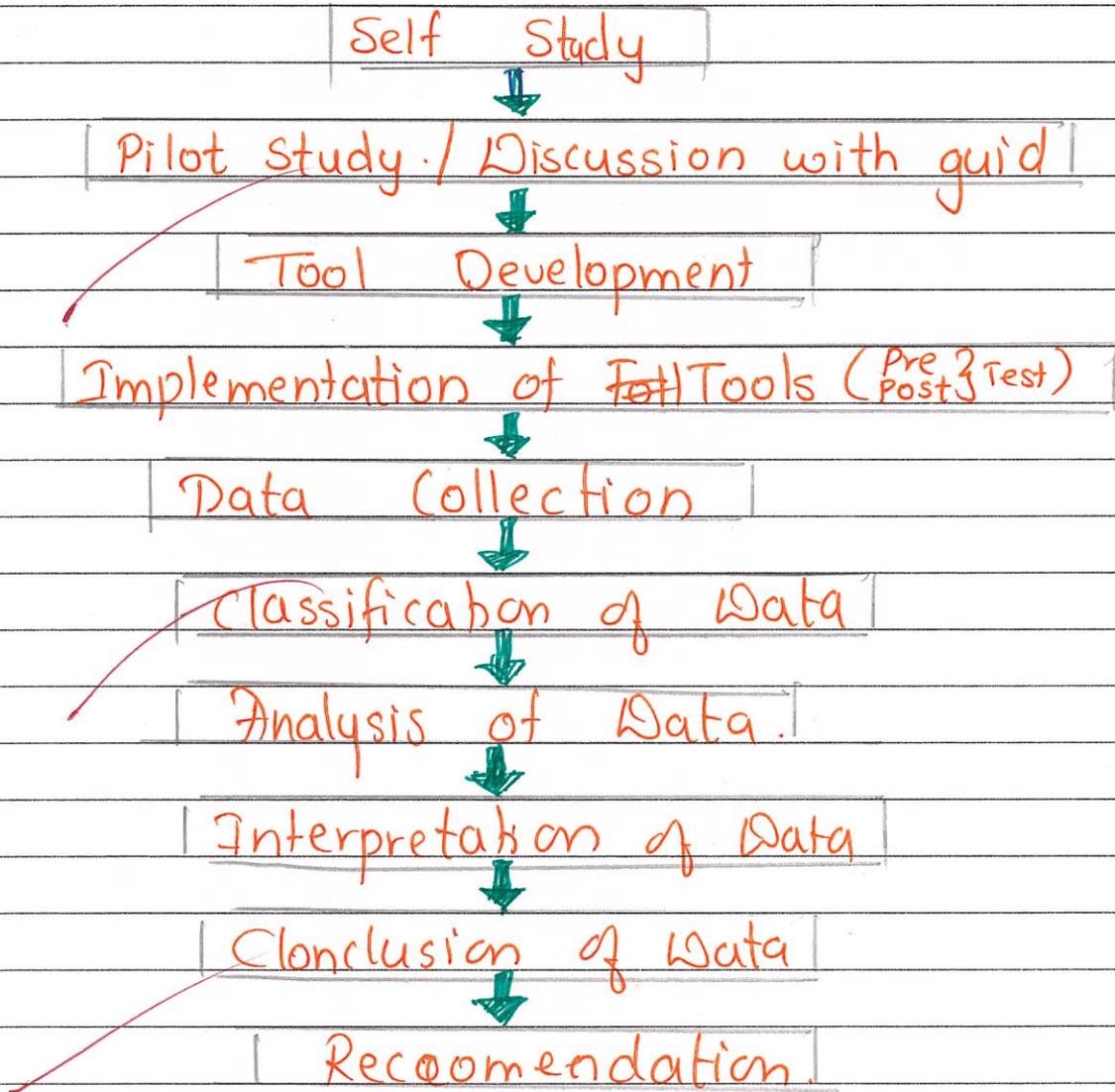
In present Research the researcher will be using the following Statistical tool.

- 1) Mean
- 2) Standard.
- 3) T-Value/Score.



FLOWCHART OF RESEARCH WORK AND संशोधनकार्याची रूपरेषा

This chard of Actual Implementation of Research Procedure.



TIME SCHEDULE वेळापत्रक

Time Table.

Sr.No	Topic	Days.
1	Preparation of Research Proposal	2
2	Review of Related Literature	2
3	Preparation of tools	3
4	Data Collection	8
5	Analysis of Data	3
6	Interpretation of Data	2
7	Findings / Conclusion	2
8	Report Writing	4
9	Presentation	2



(SAMPLE FRONT PAGE – RESEARCH REPORT)

RESEARCH TITLE

RESEARCH REPORT SUBMITTED TO SAVITRIBAI PHULE PUNE
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ACADEMIC YEAR

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22



RESEARH REPORT संशोधन अहवाल

To study of Problem Understanding
Concept of Types of Noun; std 6th. of
Acharya Shri Anand Rushi English Medium
School, Chichwad, Pune.

RESEARCH REPORT SUBMITTED
to

Savitribai Phule University, Pune.

for the fulfilment

of B.Ed Course: 210 under the Education
-faculty Researcher

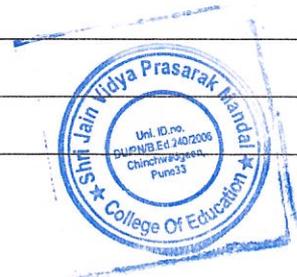
Sneha. Dashrath. Tamhankar

Guide

Study Centre

Shri Jain Vidya Prasarak Mandals
College of Education.

YEAR - 2022-23.



INTRODUCTION प्रस्तावना:

Students will be able to be aware of different types of Noun. S

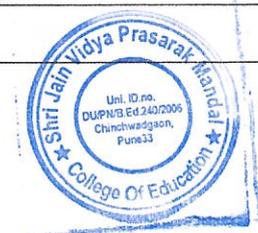
Students will be able to use types of noun oral or written.

Students will be able to define different types of noun including proper noun, pronoun, singular & plural noun

Students will be able to identify nouns in a sentence,

STATEMENT OF THE PROBLEM & TITLE समस्या विधान आणि शीर्षक:

To study the problem in understanding concepts of types of noun in 6th std.



OBJECTIVES OF THE STUDY संशोधन अभ्यासाची उद्दिष्टे: _____

To define & provide example of noun.

To identify various objects

To use correct pronunciation

To find out difficulties

To develop programme to check effectiveness

There are the objectives of the study.

HYPOTHESIS/ RESEARCH QUESTIONS संशोधन प्रश्न/ संशोधन परिकल्पना:

Student of the 6th std are facing difficulties of noun i.e. types of nouns.

By using different innovative ideas various examples, different activities and to find out different noun.

Research Questions are as below:

1) What are the difficulties students are facing?

2) Types of noun & definition.

3) Why noun is an important part of speech in English grammar?



SCOPE व्याप्ती:

The scope of present Research is related to the problems faced by the students of Std 6th.

LIMITATIONS AND DELIMITATIONS मर्यादा आणि परिमर्यादा:

The present Research is limited upto the 30 students of Std 6th. in the academic year 2022-23.

The present research is limited upto the "types of noun" in English language.

The present Research is limited up to the test questionnaire used for the study.

The present research delimitation upto the English Medium School, students of 6th Std year 2022-23.

RESEARCH METHOD संशोधन पद्धती:

The method used for Research is Experimental Method.



POPULATION जनसंख्या: _____

The population i.e the strength of the class is 30. The class is 6th Std, academic year 2022-23, following the Maharashtra State Board Syllabus.

SAMPLE न्यादर्शः

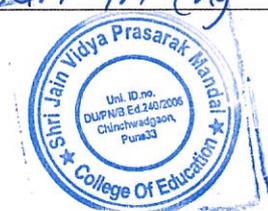
In present research consist of total 30 samples of 30 students respectively. The student are from English Medium Std 6th. They are selected randomly.

Both the test (pre & post) evidences were collected, then marked carefully. it was counted at the end and compared seperately.

SAMPLING न्यादर्शनः

For this study I have selected experimental Method. In that I have two pre test on types of noun.

- ⇒ 1st I had use only blackboard & Eng Grammar
- ⇒ of a different worksheet, for understanding
- ⇒ Post-test was given in which again they had to write. types of noun in Eng lang.



TOOLS OF DATA COLLECTION & STATISTICAL TECHNIQUES माहिती संकलन साधने आणि संख्याशास्त्रीय तंत्रे:

For bot pre test & post test paper, was given to the students on the board with proper instruction. Statistical are among the most powerful tools in research toolbox.

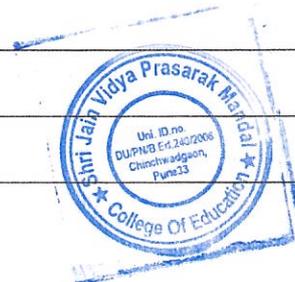
Then I had given enough time to complete that test. Statistical are invaluable & often indispensable in research.

After time over, I had written types of noun examples on the board and example for students to check and find mistakes if any. Summarise large data to find future trends

SELECTION OF TOOLS (OBJECTIVEWISE) उद्दिष्टानुसार माहिती संकलन साधने:

The selection of tools objective wise. used for this research were statistical tools. for e.g.

- 1) Mean
- 2) Standard Orientation
- 3) T-Value / Score.



To investigate the problem in types of nouns in English language. for Std 6th. 30 samples were taken for the study.

The data were collected by using pre-test and post test for English subjects.

At the beginning of Pre test were given to students in which they had to write types of nouns.

After the pre-test comes to post-test. were the thought-taught "types of nouns" and their examples which are designed by the researcher for purpose.

The students were taught types of noun, about types and with their example, different values nouns were given to students.

I took 20 mark Pretest; 30 children to check whether their basic concepts are cleared or not.

Post test had simple tricks for checking.



ANALYSIS AND INTERPRETATION: TABULATION & GRAPHICAL REPRESENTATION

सांख्यिकीय विश्लेषण आणि अर्थनिर्वचन आणि आलेखात्मक सादरीकरण

Total Marks for the practical Pre-test = 25 mks,
and for Post-Test = 25 marks.

This test was given by 30 students.
No. of student scoring less than 5 marks
in pre-test is 5. No. of students scoring
more than 5 but less than 25 = 23. No. of
No. of students marks in pretest is 15 and
above is 1.

In Pretest

No. of students has marks 10 = 0

No. of students has marks. 20 = 16.

No. of student scoring 20 marks = 5.

No. of student scoring more than 20 = 9

So percentage of entering of
marks obtained in pre & post test. is good
post-test scored more than small.
or others.



TABULATION OF DATA.

Analysis of Data.

No. of Students	Pre test X	Post test Y	X_1	Y_1	X_1^2	Y_1^2	
1	7	18	-1.06	-0.96	1.123	0.9216	1.0176
2	9	18	0.94	-0.96	0.882	0.9216	-0.92
3	2	15	-6.06	-3.96	36.7236	15.6816	23.98
4	1	14	-7.06	-4.96	49.8436	24.6016	35.01
5	6	22	-2.06	3.04	4.2436	9.2416	35.01
6	6	18	-2.06	-0.96	4.2436	0.9216	-6.24
7	5	17	-3.06	-1.96	9.3636	3.8416	1.9776
8	10	23	1.94	4.04	3.7636	16.3216	5.97
9	9	20	0.94	1.04	0.8836	1.0816	7.83
10	15	24	6.94	5.04	48.1636	25.4016	34.99
11	8	16	-0.06	2.94	0.0036	8.7616	0.1176
12	9	15	0.94	-3.96	0.8736	15.6816	-3.72
13	7	16	-1.06	-2.96	1.1236	8.7616	3.137
14	10	19	1.94	0.04	3.7636	0.0036	0.077
15	12	24	83.94	5.04	15.5236	25.4016	14.85
16	11	22	2.94	3.04	8.6436	9.2416	8.937
17	10	20	1.94	1.04	3.7636	1.0816	2.01
18	9	20	0.94	1.04	0.8836	1.0816	0.977
19	8	20	-0.06	-1.96	0.0036	3.8416	0.117
20	3	17	-5.06	-2.96	25.6036	8.7616	14.95
21	4	16	-4.06	-3.96	16.4836	15.6816	16.00
22	8	15	-0.06	1.04	0.0036	1.0816	-0.00
23	7	21	1.06	5.04	1.1236	4.1616	-2.16
24	12	24	8.94	5.04	15.8236	25.4016	19.85
25	13	23	4.06	4.07	24.4036	16.3216	19.85



No of stud	Pre test x	Post test y	x_1	y_1	x_1^2	y_1^2	$2x_1y_1$
26	10	20	1.94	1.04	3.7636	1.0816	2.017
27	12	22	3.94	3.04	15.5236	9.2416	11.9776
28	8	17	-0.06	-1.94	0.0036	3.8416	0.1176
29	7	15	-1.06	-3.96	1.1236	15.6816	4.1976
30	4	18	-4.06	-0.96	16.4836	0.9216	3.8776
	$\Sigma x =$	$\Sigma y =$	$\Sigma x_1 =$	$\Sigma y_1 =$	$\Sigma x_1^2 =$	$\Sigma y_1^2 =$	$\Sigma 2x_1y_1 =$
					313.868	274.968	227.068

$$\text{Mean of Pre-test } M_1 = \frac{\text{Total no. of score}}{\text{Total no. of students}}$$

$$\text{Mean of Pre-test } M_1 = \frac{242}{30} = 8.06$$

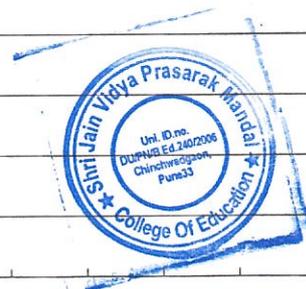
$$\text{Mean of Post-Test } M_2 = \frac{\text{Total no. of score}}{\text{Total no. of students}}$$

$$\text{Mean of Post-test } M_2 = \frac{569}{30} = 18.96$$

$$\text{Difference Between } M_1 \text{ \& } M_2 = D = \frac{M_2 - M_1}{1} = \frac{18.96 - 8.06}{1} = 10.9$$

$$[\Sigma x_1^2 = 313.868] \quad [\Sigma y_1^2 = 274.968]$$

$$[\Sigma x_1 y_1 = 227.068]$$



SE_1 = Standard Error of Pre-Test

SE_2 = Standard Error of Post-Test

N = No. of . Students .

$$SE_1 = \sqrt{\frac{\sum x_i^2}{N-1}}$$

$$= \sqrt{\frac{313.868}{30-1}}$$

$$= \sqrt{\frac{313.686}{29}} = \sqrt{10.823} = 3.289.$$

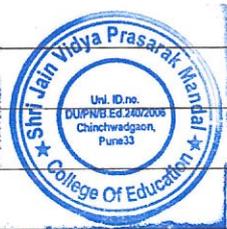
$$SE_1 = 3.289.$$

$$SE_2 = \sqrt{\frac{\sum y_i^2}{N-1}}$$

$$= \sqrt{\frac{274.968}{30-1}}$$

$$= \sqrt{\frac{274.468}{29}}$$

$$SE_2 = 3.079.$$



$SEM_1 =$ Standard Error of mean from Pre-Test.

$SEM_2 =$ Standard Error of mean from Post-Test.

$N =$ No. of students.

$$SEM_1 = \frac{SE}{\sqrt{N}}$$

$$= \frac{3.28}{\sqrt{30}} = \frac{3.28}{\sqrt{30}}$$

$$= \frac{3.28}{16.86} = 0.194$$

$$SEM_2 = \frac{SE_2}{\sqrt{N}}$$

$$= \frac{3.079}{\sqrt{30}}$$

$$= \frac{3.076}{16.86}$$

$$= 0.182.$$



Correlation between the marks of Pretest & Post test

$$r = \frac{\sum x_1 y_1}{\sqrt{\sum x_1^2 \times \sum y_1^2}}$$

$$= \frac{227.068}{\sqrt{313.868 \times 274.968}}$$

$$= \frac{227.068}{\sqrt{86303.65}} = \frac{227.068}{293.774} = r = 0.772$$

$$SED = \sqrt{(SEM_1)^2 + (SEM_2)^2} = 2r s E_{m_1} SEM_2$$

$$= \sqrt{(0.194)^2 + (0.182)^2} = 2 \times 0.77 \times 0.194 \times 0.18$$

$$= \sqrt{0.037 + 0.033 - 0.543}$$

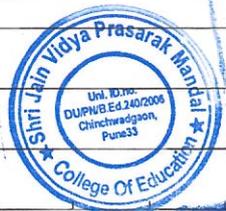
$$= \sqrt{-0.48}$$

$$= \underline{\underline{0.69}}$$

$$t\text{-score} = t \frac{D}{SED} = \frac{10.9}{0.69} \therefore t = \underline{\underline{15.7}}$$

t score derived = 15.76.

Degree of freedom = $N - 1$; $\frac{df}{dt} = 30 - 1$
 $\frac{df}{dt} = 29$



SUMMARY, FINDINGS, CONCLUSIONS सारांश, निष्कर्ष आणि समारोप:

With referring to the analysis of student pre-test and post-test paper. Students pretest & post-test paper the study reached the following findings.

- 1) Study indicated that students have done mistake in writing solution "types of Noun."
- 2) The percentage of total errors in pre-test & was more than the percentage of total error in the post test.
- 3) It indicates that the students face problem in grammar.
- 4) Research indicated that students lack critical thinking also expression of thoughts and their feeling.
- 5) From the research I understand that of the basic level of students teacher do not teach the characteristics of a type of noun (grammar) do to this the standard were about the proper way how to write noun.
- 6) Study indicates that various examples of different learning of types of noun.



APPENDICES परिशिष्टे

List of Students with marks of Pre & Post Test.

Roll No.	Name of Students	Pre-Test	Post-Test
1	Rohit Kavade	7	18
2	Shreyash. Mohik.	2	15
3	Harsh. More	9	18
4	Sai. More	6	22
5	Rehan. Khan	1	14
6	Sangar. Shinde	5	17
7	Pratik. Poisar	6	22
8	Omkar. Deshpande	10	23
9	Swapnil Shinde	9	20
10	Swapnil. Sawant	15	24
11	Pranav. Mohite	8	16
12	Mohit. Chandurkar.	9	15
13	Arjun. Bijlani	7	16
14	Anushka. Sharma	10	19
15	Tejas. Panicker	12	24
16	Anushka. Shinde.	11	22
17	Niraja. Tawade	10	20
18	Swarali Jadhav	9	20
19	Prashi. Mahadik	8	17
20	Sneha. Madar	3	16
21	Shamita. Shettye	4	15
22	Riddhi. Nagda	8	20
23	Priyanka. Gandhi	7	21
24	Shilpa. Thakur.	12	24
25	Tanushree. Darshale.	13	23
26	Kartiki. Gawde.	10	20
27	Anaya. Abhave	12	22
28	Preethi. Tanpure.	8	17
29	Kaveri. Pal.	7	15
30	Sampada - Sampal	4	18



EVIDENCES OF RESEARCH संशोधन पुरावे:

Acharya Shri Anand Rushiji English Medium School,
Chinchwad ,Pune-33

Std:-6th

Subject:-English(Grammar)

Marks:-25

Date

Time:-45 min

pre Test

A. Circle Each Noun

6

- goat he boy draw
- play book dog dance
- kite it gita chair

B. Write the Noun is a

8

1.Person ,2.place ,3.Anima l,4.things

1. Book-

5. Delhi-

2. Cat-

6. Furniture-

3. Ram-

7. City-

4. Mother-

8. Dog-

C. Write Any Five Proper Noun

5

1. ___ 2. ___ 3. ___ 4. ___ 5. ___

- Write Types Of Noun

6



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