ACHIEVEMENT TEST

Meaning:

An achievement test is a test of developed skill or knowledge. The most common type of achievement test is a standardized test developed to measure skills and knowledge learned in a given grade level, usually through planned instruction, such as training or classroom instruction.

USES OF ACHIEVEMENT TEST

- Achievement test scores are often used in an educational system to determine what level of instruction for which a student is prepared.
- High achievement scores usually indicate a mastery of grade-level material, and the readiness for advanced instruction.
- Low achievement scores can indicate the need for remediation or repeating a course grade.

Characteristics of a good test

- Test preparation activities which promote quality, long-term learning are appropriate, even essential. Good test-taking skills and appropriate content learning can reduce the likelihood that extraneous factors will influence students' test scores. The various characteristics of a good test are:
- It can be tried out and selected on the basis of its difficulty level and discriminating power.
- Directly related to the educational objectives.
- It should possess description of measure behaviour in realistic and practical terms.
- Contains a sufficient number of test items for each measured behaviour; concerned with important and useful matter; comprehensive, brief, precise and clear.

- It should be divided into different knowledge and skills according to behaviour to be measured.
- Standardized the items and made instructions clear so that different users can utilize it.
- Rules and norms have to be developed so that various age groups can use at various levels.
- It provides equivalent and comparable forms of the test.
- A test manual has to be prepared, which can act as a guide for administering and scoring.

BLUE PRINT

A blueprint is a guide for making something — it's a design or pattern that can be followed. Want to build the best tree house ever? Draw up a blueprint and follow the design carefully.

The literal meaning of a blueprint is a paper — which is blue — with plans for a building printed on it.

Maths
Achievement Test

TABLE-1: SHOWING THE WEIGHTAGE ALOTTED TO THE OBJECTIVES

OBJECTIVES	MARKS ALLOTED	PERCENTAGE
Knowledge	05	12.5%
Understanding	17	42.5%
Application	16	40%
Skills	02	5%
TOTAL	**40**	**100%**

TABLE-2: WEIGHTAGE GIVEN TO THE TOPIC

S.NO	TOPICS	MARKS ALLOTED	PERCENTAGE
1.	Fraction	13	32.5%
2.	Playing with numbers	14	35%
3.	mensuration	13	32.5%
	TOTAL	**40**	**100%**

TABLE-3: WEIGHTAGE GIVEN TO DIFFERENT FORMS OF QUESTIONS

S.NO	FORMS OF QUESTIONS	MARKS ALLOTED	PERCENTAGE
1.	Very short answers(VSA)	7	17.5%
2.	Short answers(SA)	8	45%
3.	Long/ essay type answers	15	37.5%
	TOTAL	**40**	**100%**

Class: VI
Subject: Mathematics

BLUEPRINT

Time: 80 min
M.M: 40

FORMS OF QUES / TOPIC	KNOWLEDGE LEVEL			UNDERSTANDING LEVEL			APPLICATION LEVEL			SKILLS	TOTAL
	V.S.A	S.A	L.A	V.S.A	S.A	L.A	V.S.A	S.A	L.A		
INTEGERS		3(1)				5(1)		3(1)		2(2)	13(5)
FRACTIONS	1(1)			1(1)	3(1)		1(1)	3(1)	5(1)		14(6)
AREA AND PERIMETER	1(1)				3(1)	5(1)	1(1)	3(1)			13(5)
TOTAL	5(3)			17(5)			16(6)			2(2)	40(16)

VSA: Very Short Answers Questions
SA: Short Answer Questions
LA: Long Answer Questions

Number in bracket shows number of questions.
Number outside the bracket shows marks given to each questions.

Subject- Mathematics

Class-VI

Time: 80 minutes **M.M: 40**

General Instructions

Section ‘A’ contains 5 very short answer questions,1 marks each

Section ‘B’ contains 5 short answer questions, 2 marks each

Section ‘C’ contains 4 long answer questions, 3 marks each

Section-A

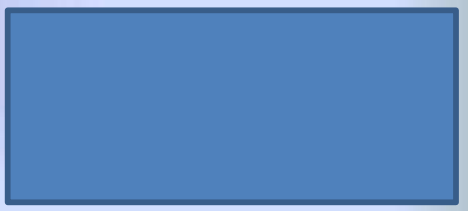
Q1. Write the next 3 natural numbers after 10999.

Q2. Find the perimeter of a square with a side of 25 cm.

Q3. Identify the successor of 2440701

Q4. Find the sum by suitable rearrangement of 837+208+363

Q5. Measure the length and the breadth of rectangle



Q6. Write 3 equivalent fraction of 3/5

Q7. Find the fraction having denominator 16 equivalent to 3/8

Section-B

Q8. Find the product using suitable properties

a) 738 X 103 b) 854 X 102 c) 258 X 1008

Q9. Justify through examples. If the product of two whole number is 1 , can we say that one of both of them will be 1?

Q10. Find the perimeter of the table top measures 2m 25 cm by 1m 50cm.

Q11. Illustrate, A piece of string is 30 cm long. What will be the length of each side if the string is used to form.

a) A square b) an equilateral triangle c) a regular hexagon

Q12. Find the equivalent fraction of 3/5 having:-

a) Denominator 20 b) numerator 9 c) denominator 30

Q13. Replace the following fraction to simplest form :-

a) 48/60 b) 150/60 c) 84/98

Section-C

Q14. Ila read 25 pages of a book containing 100 pages, lalita read 2/5 of the same book. Illustrate who read less.

Q15. Find the common factors of :-

a) 20 & 28 b) 15 & 25 c) 35 & 50 d) 56& 120 e) 5 & 15

Q16. Explain the number of tiles whose length and breadth are 12cm and 5cm resp. will be needed to fit in a rectangular region whose length and breadth are resp:-
a) 100cm & 144cm b) 70cm & 36cm

MARKING SCHEME

S.No	ANSWERS	MARKS
1	11000,11001,11002	1
2	4X25=100cm	1
3	2440702	1
4	1408	1
5	Length=4cm,breadth=2cm	1
6	6/10, 9/15, 12/20	1
7	1x10 + 4x1/100 + 9x1/1000	1
8	a) 76014 b) 87108 c) 260064	3
9	1x1=1 1x6=6	3
10	Perimeter=7.5m	3

S.No	ANSWERS	MARKS
11	a) side= 7.5cm b) Side=10cm c) Side=5cm	3
12	a) 12 b) 15 c) 18	3
13	a) 4/5 b) 5/2 c) 6/7	3
14	Ila has read less number of pages	5
15	a) 1,2,4 b) 1,5 c) 1,5 d) 1,2,4,8 e) 1,5	5
16	a) 240 b) 42	5

SCORE SHEET

Q. No.	No. OF students attempted	No. of students attempted question correct	No. of students attempted question incorrect
1	40	38	2
2	40	33	7
3	40	36	4
4	40	33	7
5	40	31	9
6	40	29	11
7	38	28	12
8	36	28	12
9	40	30	10
10	40	37	3
11	40	35	5
12	35	28	12
13	40	33	7
14	40	32	8
15	40	27	13
16	40	36	4

INTERPRETATION

- Students find section A easier
- Question related to the topic Fractions are not clear to the some students
- Area and perimeter topic is clear to most of the students it means teacher hs taught accurately in the class

SUGGESTIONS

- Uncleared topics should be revised in the class in free period
- Some remedial classes should be given to some students
- Students scoring good marks above average should be appreciated.

Science Achievement Test

TABLE-1: SHOWING THE WEIGHTAGE ALOTTED TO THE OBJECTIVES

OBJECTIVES	MARKS ALLOTED	PERCENTAGE
Knowledge	04	10%
Understanding	21	52.5%
Application	15	37.5%
TOTAL	**40**	**100%**

TABLE-2: WEIGHTAGE GIVEN TO THE TOPIC

S.NO	TOPICS	MARKS ALLOTED	PERCENTAGE
1.	Structure of Plants	20	50%
2.	Playing with numbers	08	20%
3.	Mensuration	12	30%
	TOTAL	**40**	**100%**

TABLE-3: WEIGHTAGE GIVEN TO DIFFERENT FORMS OF QUESTIONS

S.NO	FORMS OF QUESTIONS	MARKS ALLOTED	PERCENTAGE
1.	Very short answers(VSA)	7	17.5%
2.	Short answers(SA)	8	45%
3.	Long/ essay type answers	15	37.5%
	TOTAL	**40**	**100%**

Class: VI
Subject: Science

BLUEPRINT

Time: 80 min
M.M: 40

Objectives / Contents	Knowledge (10%)			Understanding (52.5%)			Application (37.5%)			Total
	VSA	SA	LA	VSA	SA	LA	VSA	SA	LA	
Structure of plants					3(2)	5(2)	1(4)			20(8)
The Leaf		3(1)					1(2)	3(1)		8(4)
The Flower	1(1)					5(1)		3(2)		12(4)
TOTAL	4(2)			21 (5)			15(9)			40(16)

VSA: Very Short Answers Questions
SA: Short Answer Questions
LA: Long Answer Questions

Number in bracket shows number of questions.
Number outside the bracket shows marks given to each questions.

SUBJECT: SCIENCE

CLASS: VI

TIME: 80 MIN.

M.M: 40

GENERAL INSTRUCTIONS

Section-A contains 7 very short answer questions,1 marks each

Section-B contains 6 short answer questions, 3 marks each

Section-C contains 3 long answer questions, 5 marks each

SECTION-A

Q1. Name the male reproduction organs of a flower.

Q2. Choose the correct one.

_____has fibrous root system.

(a) Pea (b) Bean (c) Rice (d) Gram

Q3. Write True or False.

i. Fibrous roots generally grow in cluster of slender roots.

ii. Leaves of plants cannot trap sunlight without chlorophyll.

iii. The roots of the plants increase the soil erosion.

iv. Tendrils are modified stems that give additional support to plants.

v. Rhizobium bacteria fix atmospheric nitrogen in the soil.

SECTION-B

Q4. Explain Shoot system..

Q5. Draw structure of a leaf.

Q6. List three functions of leaves.

Q7. Indicate example of any three fibrous root plants.

Q8. Predict different parts of a flower.

Q9. Predict different parts of a seed.

SECTION-C

Q10. Distinguish between root system and shoot system.

Q11. Distinguish between unisexual and bisexual flowers.

Q12. Summarize different functions of stems.

MARKING SCHEME

Q. No	ANSWERS	MARKS
1.	Stamens	1
2.	Rice	1
3.	(i) True (ii) False (iii) False (iv) True (v) True	1 1 1 1 1
4.	The part of plant that grows above the ground is called the shoot system. It consists of stem, buds, leaves, flowers, fruits and seeds.	3

Q. No.	ANSWERS	MARKS
5.	Leaf	3
6.	(i)The main function of leaves is to prepare food for the plants by the process of photosynthesis. (ii) Modified leaves store food and water. (iii)During the process of respiration leaves take in carbon-dioxide and release oxygen.	3

Q. No.	ANSWERS	MARKS
7.	Rice, maize, barley, wheat etc.	3
8.	Stamens (Anther, Filament), Petal, Carpel (Stigma, Style, Ovary), Ovule, Receptacle, Sepal. Seed coat, cotyledon, plumule, radicle, embryo.	3 3
9.	The roots of plant grow under the soil and moving towards the gravity and opposite the sunlight. They are the non-green parts of the plants.	5
10.	The part of plant that grows above the ground is called the shoot system. It consists of stem, buds, leaves, flowers, fruits and seeds.	

Q. No.	ANSWERS	MARKS
11	In many flowers only one of the reproductive organ is found either stamen or carpel, such flowers are called unisexual flower. For example cucurbits, mulberry, etc. In most of the flowers stamens and carpels are found in same flower. Such flowers are called bisexual flowers. For example, pea, china rose, cotton, etc.	5
12	(i) A stem gives support to the branches, leaves and fruits of the plant. (ii) A stem bears leaves, buds, flowers and fruits. (iii) A stem helps in transportation of water and mineral salts absorbed by roots. It also helps in supply of prepared food to different parts of the plants. (iv) A modified stem stores food. (v)A modified stem also gives support to weak stem.	5

SCORE SHEET

Q. No.	No. OF students attempted	No. of students attempted question correct	No. of students attempted question incorrect
1	40	39	1
2	40	32	8
3	40	35	5
4	40	32	8
5	40	35	5
6	40	38	2
7	40	36	4
8	40	32	8
9	40	29	11
10	40	35	5
11	40	34	6
12	40	33	7

INTERPRETATION

- Students find section A easier
- Question related to the topic STRUCTURE OF PLANT are not clear to the some students
- FLOWER topic is clear to most of the students it means teacher has taught accurately in the class

SUGGESTIONS

- Uncleared topics should be revised in the class in free period
- Some remedial classes should be given to some students
- Students scoring good marks above average should be appreciated.

PEER GROUP OBSERVATION (Mathematics)

NAME:- Ritika
SUBJECT:- Mathematics
TOPIC:- Pythagoras Theorem

DATE:-
CLASS:- 6th
PERIOD:- 4th

COMPONENTS	OUTSTANDING	GOOD	FAIR	NEED IMPROVEMENT
INTRODUCTION •Testing previous knowledge •Linking previous knowledge with previous knowledge		yes	yes	
INSTRUCTIONAL EXCELLENCE •Correctness of matter and terminology •Organization and logical development		yes yes		
METHOD OF TEACHING •Appropriateness •Effectiveness •Speed of teaching suitable to the student		yes	Yes yes	
QUESTIONING •Well distribution •Specific •Correctness and concise language		Yes yes	yes	
EXPLANATION •Appropriateness •Effectiveness		Yes yes		

COMPONENTS	OUTSTANDING	GOOD	FAIR	NEED IMPROVEMENT
PERSONALITY •Voice- distinct, pleasant •Speech- correct pronunciation with proper modulation •Confidence		Yes yes	yes	
CLASS MANAGEMENT •Equal attention to all students •Avoid collective response			Yes yes	
AID USED •Clarified concept •Meaningful •distinct		Yes Yes Yes		
BLACKBOARD SUMMARY •Development side by side •Systematic •Writing in straight line		yes	Yes Yes	
HOME ASSIGNMENT •Appropriate •Creative		Yes Yes		

NAME:- Sonali
SUBJECT:- Mathematics
TOPIC:- Comparison of Fractions

DATE:-
CLASS:- 6th
PERIOD:- 4th

COMPONENTS	OUTSTANDING	GOOD	FAIR	NEED IMPROVEMENT
INTRODUCTION •Testing previous knowledge •Linking previous knowledge with previous knowledge		yes	yes	
INSTRUCTIONAL EXCELLENCE •Correctness of matter and terminology •Organization and logical development		yes yes		
METHOD OF TEACHING •Appropriateness •Effectiveness •Speed of teaching suitable to the student		yes	Yes yes	
QUESTIONING •Well distribution •Specific •Correctness and concise language		Yes yes	yes	
EXPLANATION •Appropriateness •Effectiveness		Yes yes		

COMPONENTS	OUTSTANDING	GOOD	FAIR NEED IMPROVEMENT
PERSONALITY •Voice- distinct, pleasant •Speech- correct pronunciation with proper modulation •Confidence	yes	yes	yes
CLASS MANAGEMENT •Equal attention to all students •Avoid collective response			Yes yes
AID USED •Clarified concept •Meaningful •distinct	yes	Yes Yes	
BLACKBOARD SUMMARY •Development side by side •Systematic •Writing in straight line		yes	Yes Yes
HOME ASSIGNMENT •Appropriate •Creative		Yes Yes	

NAME:- Shweta
SUBJECT:- Mathematics
TOPIC:- Angle Sum Property

DATE:-
CLASS:- 6th
PERIOD:- 4th

COMPONENTS	OUTSTANDING	GOOD	FAIR	NEED IMPROVEMENT
INTRODUCTION •Testing previous knowledge •Linking previous knowledge with previous knowledge		yes	yes	
INSTRUCTIONAL EXCELLENCE •Correctness of matter and terminology •Organization and logical development		yes yes		
METHOD OF TEACHING •Appropriateness •Effectiveness •Speed of teaching suitable to the student		yes	Yes yes	
QUESTIONING •Well distribution •Specific •Correctness and concise language		Yes yes	yes	
EXPLANATION •Appropriateness •Effectiveness		Yes yes		

COMPONENTS	OUTSTANDING	GOOD	FAIR NEED IMPROVEMENT
PERSONALITY •Voice- distinct, pleasant •Speech- correct pronunciation with proper modulation •Confidence		Yes yes	yes
CLASS MANAGEMENT •Equal attention to all students •Avoid collective response			Yes yes
AID USED •Clarified concept •Meaningful •distinct	yes	Yes Yes	
BLACKBOARD SUMMARY •Development side by side •Systematic •Writing in straight line		yes	Yes Yes
HOME ASSIGNMENT •Appropriate •Creative	yes	Yes	

NAME:- Ritika
SUBJECT:- Mathematics
TOPIC:- Congruence

DATE:-
CLASS:- 6th
PERIOD:- 4th

COMPONENTS	OUTSTANDING	GOOD	FAIR	NEED IMPROVEMENT
INTRODUCTION •Testing previous knowledge •Linking previous knowledge with previous knowledge		yes	yes	
INSTRUCTIONAL EXCELLENCE •Correctness of matter and terminology •Organization and logical development		yes yes		
METHOD OF TEACHING •Appropriateness •Effectiveness •Speed of teaching suitable to the student		yes	Yes yes	
QUESTIONING •Well distribution •Specific •Correctness and concise language	yes	yes	yes	
EXPLANATION •Appropriateness •Effectiveness		Yes yes		

COMPONENTS	OUTSTANDING	GOOD	FAIR	NEED IMPROVEMENT
PERSONALITY •Voice- distinct, pleasant •Speech- correct pronunciation with proper modulation •Confidence		Yes yes	yes	
CLASS MANAGEMENT •Equal attention to all students •Avoid collective response			Yes yes	
AID USED •Clarified concept •Meaningful •distinct		Yes Yes Yes		
BLACKBOARD SUMMARY •Development side by side •Systematic •Writing in straight line		yes	Yes Yes	
HOME ASSIGNMENT •Appropriate •Creative		Yes Yes		

NAME:- Ekta
SUBJECT:- Mathematics
TOPIC:- Types of Triangle

DATE:-
CLASS:- 6th
PERIOD:- 4th

COMPONENTS	OUTSTANDING	GOOD	FAIR	NEED IMPROVEMENT
INTRODUCTION •Testing previous knowledge •Linking previous knowledge with previous knowledge		yes	yes	
INSTRUCTIONAL EXCELLENCE •Correctness of matter and terminology •Organization and logical development		yes yes		
METHOD OF TEACHING •Appropriateness •Effectiveness •Speed of teaching suitable to the student		yes	Yes yes	
QUESTIONING •Well distribution •Specific •Correctness and concise language		Yes yes	yes	
EXPLANATION •Appropriateness •Effectiveness		Yes yes		

COMPONENTS	OUTSTANDING	GOOD	FAIR NEED IMPROVEMENT
PERSONALITY •Voice- distinct, pleasant •Speech- correct pronunciation with proper modulation •Confidence		Yes yes	yes
CLASS MANAGEMENT •Equal attention to all students •Avoid collective response			Yes yes
AID USED •Clarified concept •Meaningful •distinct		Yes Yes Yes	
BLACKBOARD SUMMARY •Development side by side •Systematic •Writing in straight line	yes		Yes Yes
HOME ASSIGNMENT •Appropriate •Creative		Yes Yes	

PEER GROUP OBSERVATION (Science)

NAME:- Ritika
SUBJECT:- Science
TOPIC:-Water Cycle

DATE:-
CLASS:- 6th
PERIOD:- 4th

COMPONENTS	OUTSTANDING	GOOD	FAIR NEED IMPROVEMENT
INTRODUCTION •Testing previous knowledge •Linking previous knowledge with previous knowledge		yes	yes
INSTRUCTIONAL EXCELLENCE •Correctness of matter and terminology •Organization and logical development		yes yes	
METHOD OF TEACHING •Appropriateness •Effectiveness •Speed of teaching suitable to the student		yes	Yes yes
QUESTIONING •Well distribution •Specific •Correctness and concise language		Yes yes	yes
EXPLANATION •Appropriateness •Effectiveness		Yes yes	

COMPONENTS	OUTSTANDING	GOOD	FAIR	NEED IMPROVEMENT
PERSONALITY •Voice- distinct, pleasant •Speech- correct pronunciation with proper modulation •Confidence		Yes yes	yes	
CLASS MANAGEMENT •Equal attention to all students •Avoid collective response			Yes yes	
AID USED •Clarified concept •Meaningful •distinct		Yes Yes Yes		
BLACKBOARD SUMMARY •Development side by side •Systematic •Writing in straight line		yes	Yes Yes	
HOME ASSIGNMENT •Appropriate •Creative		Yes Yes		

NAME:- Sonia
SUBJECT:- Science
TOPIC:- Photosynthesis

DATE:-
CLASS:- 6th
PERIOD:- 4th

COMPONENTS	OUTSTANDING	GOOD	FAIR NEED IMPROVEMENT
INTRODUCTION •Testing previous knowledge •Linking previous knowledge with previous knowledge	yes		yes
INSTRUCTIONAL EXCELLENCE •Correctness of matter and terminology •Organization and logical development		yes yes	
METHOD OF TEACHING •Appropriateness •Effectiveness •Speed of teaching suitable to the student		yes	Yes yes
QUESTIONING •Well distribution •Specific •Correctness and concise language	yes	yes	yes
EXPLANATION •Appropriateness •Effectiveness		Yes yes	

COMPONENTS	OUTSTANDING	GOOD	FAIR NEED IMPROVEMENT
PERSONALITY •Voice- distinct, pleasant •Speech- correct pronunciation with proper modulation •Confidence		Yes yes	yes
CLASS MANAGEMENT •Equal attention to all students •Avoid collective response	yes		yes
AID USED •Clarified concept •Meaningful •distinct		Yes Yes Yes	
BLACKBOARD SUMMARY •Development side by side •Systematic •Writing in straight line		yes	Yes Yes
HOME ASSIGNMENT •Appropriate •Creative		Yes Yes	

NAME:- Ritika
SUBJECT:- Science
TOPIC:- Heart

DATE:-
CLASS:- 6th
PERIOD:- 4th

COMPONENTS	OUTSTANDING	GOOD	FAIR NEED IMPROVEMENT
INTRODUCTION •Testing previous knowledge •Linking previous knowledge with previous knowledge		yes	yes
INSTRUCTIONAL EXCELLENCE •Correctness of matter and terminology •Organization and logical development		yes yes	
METHOD OF TEACHING •Appropriateness •Effectiveness •Speed of teaching suitable to the student		yes	Yes yes
QUESTIONING •Well distribution •Specific •Correctness and concise language		Yes yes	yes
EXPLANATION •Appropriateness •Effectiveness		Yes yes	

COMPONENTS	OUTSTANDING	GOOD	FAIR NEED IMPROVEMENT
PERSONALITY •Voice- distinct, pleasant •Speech- correct pronunciation with proper modulation •Confidence	yes	Yes	yes
CLASS MANAGEMENT •Equal attention to all students •Avoid collective response			Yes yes
AID USED •Clarified concept •Meaningful •distinct	yes	Yes Yes	
BLACKBOARD SUMMARY •Development side by side •Systematic •Writing in straight line		yes	Yes Yes
HOME ASSIGNMENT •Appropriate •Creative		Yes Yes	

NAME:- Sonali
SUBJECT:- Science
TOPIC:- Excretory System

DATE:-
CLASS:- 6th
PERIOD:- 4th

COMPONENTS	OUTSTANDING	GOOD	FAIR	NEED IMPROVEMENT
INTRODUCTION •Testing previous knowledge •Linking previous knowledge with previous knowledge		yes	yes	
INSTRUCTIONAL EXCELLENCE •Correctness of matter and terminology •Organization and logical development		yes yes		
METHOD OF TEACHING •Appropriateness •Effectiveness •Speed of teaching suitable to the student		yes	Yes yes	
QUESTIONING •Well distribution •Specific •Correctness and concise language		Yes yes	yes	
EXPLANATION •Appropriateness •Effectiveness		Yes yes		

COMPONENTS	OUTSTANDING	GOOD	FAIR	NEED IMPROVEMENT
PERSONALITY •Voice- distinct, pleasant •Speech- correct pronunciation with proper modulation •Confidence		Yes yes	yes	
CLASS MANAGEMENT •Equal attention to all students •Avoid collective response			Yes yes	
AID USED •Clarified concept •Meaningful •distinct		Yes Yes Yes		
BLACKBOARD SUMMARY •Development side by side •Systematic •Writing in straight line		yes	Yes Yes	
HOME ASSIGNMENT •Appropriate •Creative		Yes Yes		

NAME:- Ritika
SUBJECT:- Science
TOPIC:- Separation of substance

DATE:-
CLASS:- 6th
PERIOD:- 4th

COMPONENTS	OUTSTANDING	GOOD	FAIR	NEED IMPROVEMENT
INTRODUCTION •Testing previous knowledge •Linking previous knowledge with previous knowledge		 yes yes		
INSTRUCTIONAL EXCELLENCE •Correctness of matter and terminology •Organization and logical development		 yes yes		
METHOD OF TEACHING •Appropriateness •Effectiveness •Speed of teaching suitable to the student		 yes	 Yes yes	
QUESTIONING •Well distribution •Specific •Correctness and concise language		 Yes yes	 yes	
EXPLANATION •Appropriateness •Effectiveness		 Yes yes		

COMPONENTS	OUTSTANDING	GOOD	FAIR NEED IMPROVEMENT
PERSONALITY •Voice- distinct, pleasant •Speech- correct pronunciation with proper modulation •Confidence	yes	yes	yes
CLASS MANAGEMENT •Equal attention to all students •Avoid collective response		yes	yes
AID USED •Clarified concept •Meaningful •distinct		Yes Yes Yes	
BLACKBOARD SUMMARY •Development side by side •Systematic •Writing in straight line		yes	Yes Yes
HOME ASSIGNMENT •Appropriate •Creative		Yes Yes	