



**OUR LADY COLLEGE OF EDUCATION
CHENNAI - 95**

**2.4.4 COMPENTENCY AND SKILL
DEVELOPMENT – ASSESSMENT TOOLS**



OUR LADY COLLEGE OF EDUCATION

(A Christian Minority Institution)

(Approved by NCTE (1) M.Ed. - F.No.SRC / NCTE / TN / APSO6241 / M.Ed. / 392nd / 2020 / 121887

(2) B.Ed. - F.No. SRC / NCTE / TN / APSO 3023 / B.Ed. / 392nd / 2020 / 121878

NAAC Accredited with "B" Grade (CGPA of 2.89)

Our Lady Nagar, Maduravoyal, Chennai - 600 095. Phone. 044-2378 0899

Key Indicator

2.4 Competency and Skill Development

Metric No. 2.4.4

Students are enabled to evolve the tools of assessment of learning

Any other relevant information

Dr.Y.STANLY SELVAKUMAN
PRINCIPAL
Our Lady College of Education
Our Lady Nagar,
Maduravoyal, Chennai-45



OUR LADY COLLEGE OF EDUCATION

(A Christian Minority Institution)

(Approved by NCTE (1) M.Ed. - F.No.SRC / NCTE / TN / APSO6241 / M.Ed. / 392nd / 2020 / 121887

(2) B.Ed. - F.No. SRC / NCTE / TN / APSO 3023 / B.Ed. / 392nd / 2020 / 121878

NAAC Accredited with "B" Grade (CGPA of 2.89)

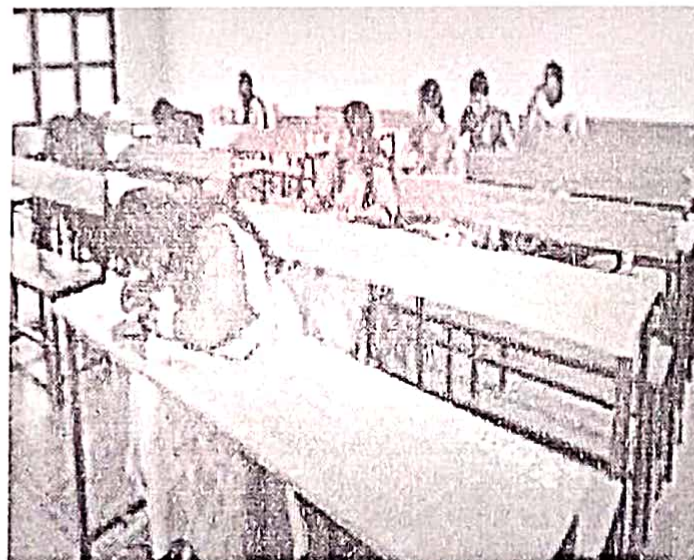
Our Lady Nagar, Maduravoyal, Chennai - 600 095. Phone. 044-2378 0899

2.4.4 Any other relevant information

ORAL ASSESSMENT



PERFORMING TEST




D.V.STANLY SELVAKUMAR
PRINCIPAL
Our Lady College of Education
Our Lady Nagar,
Maduravoyal, Chennai - 95

ONLINE ASSESSMENT

The screenshot shows a dashboard for 'Individualized Instruction'. At the top, there are three circular icons: 'Accuracy' (32%), 'Questions' (9), and 'Participant Attempts' (31). Below these are navigation links for 'View Quiz', 'Flashcards', and 'Live Dashboard'. A secondary navigation bar includes 'Participants', 'Questions', 'Overview', and 'Topics'. There are also buttons for 'Print' and 'Download'. A search bar and an 'Email all parents' button are visible. The main content area lists three students with their names, profile pictures, progress bars, accuracy percentages, scores, and 'Email to Parent' links.

Student Name	Progress	Accuracy	Score	Action
Akshay	21/21	99%	7520	Email to Parent
Kishan	22/22	78%	5970	Email to Parent
Karthikeyan	23/23	67%	5540	Email to Parent

BLUE PRINT PREPARED BY STUDENT


Blue Print

OBJECTIVE	KNOWLEDGE			UNDERSTANDING			APPLICATION			SKILLS			TOTAL
	OB	KA	KB	UB	UA	UB	AB	AA	AB	OB	OA	OB	
UNIT 1: ART & CRAFTS	1(1)	2(1)			2(1)		2(1)						8
UNIT 2: ENVIRONMENTAL STUDIES				1(1)						1(1)	2(1)		6
UNIT 3: HISTORY						1(1)	1(1)	2(1)				1(1)	7
TOTAL MARKS	2	2		1	2	1	1	2		1	2	1	28
GRAND TOTAL		4			8		5				8		


Dr. V. STANLY SELVAKUMAR
PRINCIPAL
Jurady College of Education
Jurady Nagar,
Maduravoyal, Chennai-66

INDIVIDUAL OR GROUP ACTIVITY




Dr. Y. STANLY SELVAKUMAR
PRINCIPAL
Jyoti College of Education
Ourlady Nagar,
Madhavoyai, Chennai-45



OUR LADY COLLEGE OF EDUCATION

(A Christian Minority Institution)

(Approved by NCTE (1) M.Ed. - F.No.SRC / NCTE / TN / APSO6241 / M.Ed. / 392nd / 2020 / 121887

(2) B.Ed. - F.No. SRC / NCTE / TN / APSO 3023 / B.Ed. / 392nd / 2020 / 121878

NAAC Accredited with "B" Grade (CGPA of 2.89)

Our Lady Nagar, Maduravoyal, Chennai - 600 095. Phone. 044-2378 0899

Key Indicator

2.4 Competency and Skill Development

Metric No. 2.4.4

Students are enabled to evolve the tools of assessment of learning

Documents showing the different activities for evolving indicated assessment tools

Dr. Y. STANLY SELVAKUMAR
PRINCIPAL
Our Lady College of Education
Our Lady Nagar,
Maduravoyal, Chennai-95



OUR LADY COLLEGE OF EDUCATION

(A Christian Minority Institution)

(Approved by NCTE (1) M.Ed. - F.No.SRC / NCTE / TN / APSO6241 / M.Ed. / 392nd / 2020 / 121887

(2) B.Ed. - F.No. SRC / NCTE / TN / APSO 3023 / B.Ed. / 392nd / 2020 / 121878

NAAC Accredited with "B" Grade (CGPA of 2.89)

Our Lady Nagar, Maduravoyal, Chennai - 600 095. Phone. 044-2378 0899

2.4.4 Documents showing the different activities for evolving indicated assessment tools

Student teachers are exposed to construction of diagnostic test, achievement test, rating scale, observation and oral assessment as a part of curriculum transaction by various activities such as psychology experiment, web page analysis, text book analysis, observation and micro teaching sessions. A detailed explanation and hands-on experience to prepare blue Print, scoring key, question paper and assessment methods like measures of central tendency, basics of reliability and validity, Item analysis and correlation is provided by syllabus on Assessment for Learning.

ASSESSMENT FOR LEARNING

B212CAFL

Marks: 100

Credit:4

Course Objectives

- At the end of the course, the student teacher will be able to
- recognize the purpose of evaluation and assessment
- classify assessment based on purpose, scope, attributes measured, nature and context
- understand the concept of continuous and comprehensive assessment
- construct and administer an achievement test
- apply the statistical methods to process and interpret the test scores.

UNIT I: Overview of Assessment and Evaluation


[12 hrs]

Measurement, Assessment and Evaluation: Differences – Different Types of Measures: Nominal, Ordinal, Interval and Ratio - Need for Evaluation: Identifying Learning Difficulties, Monitoring Learning, Providing Feedback, Promotion - Purpose of Assessment in a 'Constructivist' Paradigm – Distinction between Assessment for Learning and Assessment of Learning.

UNIT II: Classification of Assessment

[12 hrs]

Assessment Based on Purpose: Formative, Summative, Diagnostic and Prognostic - Based on Scope: Teacher Made, Standardized - Based on Attributes Measured: Achievement, Attitude: Thurstone and Likert - Aptitude – Based on Nature of Information Gathered: Quantitative,


Dr. Y. STANLY SELVAKUMAR
PRINCIPAL
Our Lady College of Education
Our Lady Nagar,
Maduravoyal, Chennai-95

Qualitative - Based on Mode of Response: Oral and Written, Selected Response and Supply Response - Based on Nature of Interpretation: Norm-referenced, Criterion referenced.

UNIT III: Continuous and Comprehensive Evaluation (CCE) [12 hrs]

Continuous and Comprehensive Evaluation (CCE): Concept, Nature and Functions - Process and Implementation Strategies - Scholastic Area - Co-scholastic Area: Personal, Social, Emotional and Life Skills - Significance of Grading.

UNIT IV: Construction and Standardization of an Achievement Test [12 hrs]

Achievement Test: Definition, Functions and Types - Types of Questions: Objective, Short Answers, Essay Questions - Characteristics of a Good Test: Validity: Face, Content, Construct, Predictive and Factorial - Reliability: Test-retest, Parallel Form and Split-half - Objectivity - Interdependence of Validity, Reliability and Objectivity - Construction of Achievement Tests: Preparation of Blue Print, Question Wise Analysis, Preparing the Scoring Key and Marking

UNIT V: Statistical Analysis of Test Scores [12 hrs]

Preparation of Master Sheet - Frequency Distribution - Graphical Representation - Measures of Central Tendency : Mean, Median, Mode & their Uses and Limitations - Measures of Variability: Range, Average Deviation, Quartile Deviation, Standard Deviation & their Uses and Limitations - Correlation: Meaning and Uses - Calculation of Correlation Coefficient by Rank Difference and Product Moment Method - Characteristics of Normal Curve and its Uses - Skewness and Kurtosis - Interpretation of Test Scores.

Tasks and Assignments

- Identify the difficulties of the students in any subject area through administration of diagnostic test and develop remedial instruction.
- Prepare selected and supply response test items for your major subject.
- Study and compare the implementation of CCE in different school boards.
- Develop blueprint and Question paper in your major subject.
- Calculate measures of central tendency and measures of variability for test scores.

Text Books


Brown, Sally., & Knight, Peter. (1994). *Assessing Learners in Higher Education*. Kogan Page.

Ebel, Robert, L. (1996). *Measuring Educational Achievement*. Prentice - Hall of India.
Garrett, H. E., & Wood, Worth, R. S. (1969). *Statistics in Psychology and Education*. Vakils, Feffer and Simons.

References

Hannagam, T. J. (1982). *Mastering Statistics*. The Macmillan Press.

Ingram, Cregg, F. (1993). *Fundamentals of Educational Assessment*. D. Van Nostrand Company.


Dr. Y. STANLY SELVAKUMAR
PRINCIPAL
Jurady College of Education
Jurady Nagar,
Maduravoyal, Chennai-45

Mehrens, W. A., & Irvin, J. Lehman. (1984). *Measurement and Evaluation in Education and Psychology*. (3rd edition). Holt, Rinehart and Winston Inc.

Pamela, Juliet, Alma, A. (2016). *Strategies and Techniques for Research in Education*. Neelkamal Publications.

Sagar, Vidya, J. (2016). *Measurement and Evaluation in Education*. Neelkamal Publications.

Singaravelu, G. (2017). *Assessment for Learning*. Neelkamal Publication. ISBN:9789285877865.

Singh, H. S. (1974). *Modern Educational Testing*. Sterling Publication. Srivastava, H. S. (1989). *Comprehensive Evaluation in School*. NCERT.

Web Resources

Overview of Assessment and Evaluation

<https://bit.ly/3QNL CZ2>

Classification of Assessment

<https://bit.ly/3RZ1 Qj8>

Continuous and Comprehensive Evaluation (CCE)


<https://bit.ly/3Lq9 QU>

Construction and Standardization of an Achievement Test

<https://bit.ly/3qlj ADN>


Statistical Analysis of Test Scores

<https://bit.ly/3Dr91 wj>


D. Y. STANLY SELVAKUMAR
PRINCIPAL
Jurdady College of Education
Ourlady Nagar,
Madhavoyyil, Chennai-45

Students are enabled to evolve the following tools of assessment for learning suited to the kinds of learning engagement provided to learners, and to analyses as well as interpret responses.

Sl.No	Activities	Nature of Activities
1.	Teacher made written tests essentially based on subject content	Achievement test Blue print and scoring key Item analysis Rating scales
2.	Observation modes for individual and group activities	Micro teaching Observation / feedback Demonstration RRT
3.	Performance tests	Test and Measurement file
4.	Oral assessment	B.Ed Commission Peer feedback Seminars Micro teaching Observation demonstration
5.	Rating scales	Observation Demonstration Micro teaching Book analysis Psychology experiment record


D. Y. STANLY SELVAKUMAR
 PRINCIPAL
 Justice College of Education
 Our Lady Nagai,
 Indiarivoli, Chennai-66



OUR LADY COLLEGE OF EDUCATION

(A Christian Minority Institution)

(Approved by NCTE (1) M.Ed. - F.No. SRC / NCTE / TN / APSO 6241 / M.Ed. / 392nd / 2020 / 121887

(2) B.Ed. - F.No. SRC / NCTE / TN / APSO 3023 / B.Ed. / 392nd / 2020 / 121878

NAAC Accredited with "B" Grade (CGPA of 2.80)

Our Lady Nagar, Maduravoyal, Chennai - 600 095, Phone, 044-2378 0800

Key Indicator

2.4 Competency and Skill Development

Metric No. 2.4.4


Students are enabled to evolve the tools of assessment of learning

Samples prepared by students for each indicated assessment tool

Dr. V. STANLY BELVAKUMAR
PRINCIPAL
Our Lady College of Education
Our Lady Nagar,
Maduravoyal, Chennai-95

INDEX

S.No	Content	Page No.
1	Introduction	01
2	Blue Print	02
3	weightage of Questions	04
4	weightage to Objectives	05
5	weightage allotted to Content	06
6	Question Paper	07
7	Answer key	08
8	Mark list	15
9	Frequency Histogram	16
10	Frequency Curve	18
11	Frequency Polygon	20
12	Ogive curve	22
13	Mean	24
14	Median & Mode	26
15	Quartile Deviation	28
16	Mean Deviation	31
17	Standard Deviation	32
18	Rank Correlation & Conclusion	34


Dr. Y. STANLY SELVAKUMAR
PRINCIPAL
 Jurdady College of Education
 Ourlady Nagar,
 Maduravoyal, Chennai-45

TEST AND MEASUREMENT

Introduction :

Measurement is an important feature in our daily life from birth to death.


According to Ren, almost every aspect of our daily life is touched by measurement in natural and numeral forms, immediately after birth in the following days of Infant.

Concept of Measurement :

Measurement is an idea of quantity derived by observation applying suitable service

Difference between

Measurement	Evaluation
• It is a directly obtained value	• It is arrived at by analysing or synthesis of these measurements
It is objective	• It is subjective
It is not a continuous process	• It is a continuous process


Dr. Y. STANLY SELVAKUMAR
PRINCIPAL
Jurdady College of Education
Ourlady Nagar,
Manduravoyal, Chennai-75

1. The first part of the document is

the introduction which sets the scene of the

study and explains the objectives of the

research. It also outlines the scope of the

study and the methods used.

2. The second part of the document

is the literature review which

discusses the work of other

researchers in the field.

3. The third part of the document

is the methodology which describes the

research design and the procedures used to

collect and analyze the data.

4. The fourth part of the document


is the results and discussion which

presents the findings of the

UNIVERSITY OF
SOUTH ALABAMA
LIBRARY
SERVICES
300 UNIVERSITY BLVD
MOBILE, AL 36688
(334) 875-5000


BLUE PRINT

S.No	Objectives	Knowledge			Understanding			Application			Skill			Total marks
		obj.	SA	E	obj.	SA	E	obj.	SA	E	obj.	SA	E	
1.	Hazardous	1(3)	2(1)	3(1)	1(2)	2(1)	-	1(2)	2(1)	-	1(3)	2(1)	-	25
2.	Industries	1(2)	2(1)	-	1(3)	2(1)	3(1)	1(3)	2(1)	-	1(2)	2(1)	-	27
		7	4	5	5	4	5	4	4	1	5	4	1	50


 Dr. Y. STANLEY SELVAKUMAR
 PRINCIPAL
 Murthy College of Education
 Ourdady Nagar,
 Madhavoyai, Chennai-46


Weightage allotted to different forms of Questions

S.No	Content	Number of Questions	Marks allotted	Percentage
1	Objectives	24	24	48
2	Short answers	8	16	32
3	Essay	2	10	20
			50	100


 Dr. Y. STANLY SELVAKUMAR
 PRINCIPAL
 Juyady College of Education
 Juyady Nagar
 Madurevoyal, Chennai-60


Weightage allotted to objectives

S.No	Objectives	Marks allotted	Percentage
1	Knowledge	16	32
2	Understanding	14	28
3	Application	11	22
4	Skill	9	18


Dr. Y. STANLY SELVAKUMAR
PRINCIPAL
Jurfady College of Education
Ourtady Nagar,
Maduravoyal, Chennai-43

Weightage allotted to content

S.No	Content	Marks allotted	Percentage
1.	Harvard	25	46
2.	Industries	27	54


D.Y. STANLY SELVAKUMAR
PRINCIPAL
Jurdady College of Education
Ourlady Nagar,
Maduravoyal, Chennai-48

ST. URSULA'S ANGLO - INDIAN HR. SEC. SCHOOL

REVISION TEST SOCIAL SCIENCE



STD VIII

MARKS: 50


TIME: (1.30 HRS)

I. Choose the correct answer

1. Events that occurs due to the failure of monsoon
a) Condensation
b) Drought
c) Evaporation
d) Precipitation
2. Animal dairy industry is best example of _____ sector
a) private sector
b) public sector
c) co-operative sector
d) joint sector
3. Tsunami in Indian ocean took place in the year _____
a) 1999
b) 2004
c) 2005
d) 2008
4. Tertiary activity is divided into _____
a) 4
b) 3
c) 2
d) 1
5. Iron and steel and cement industries are the examples of _____ industries.
a) agro based
c) mineral based
b) forest based
d) power based
6. The word 'Hazard' its origin is owed from
a) Hindi
b) French
c) Japanese
d) German
7. On the basis of ownership the industry can be divided into _____ types
a) 2
b) 3
c) 4
d) 5

II. Fill in the blanks (11 marks)

1. Hazards may lead to _____
2. Raw materials based perspective cotton textile industry is a _____ industry
3. Oxides of Nitrogen are _____ pollutants which affects the human beings
4. Jute mills is an example of _____ based
5. Tertiary activity is divided into _____ and _____


S. STANI SELVAKUMAR
PRINCIPAL
Jules College of Education
Oudedy Nagar,
Madhavayer, Chennai

1. Explain the following terms: (10 marks)

(a) Primary sector - This sector involves the extraction of raw materials from the earth. It includes agriculture, fishing, and mining.

(b) Secondary sector - This sector involves the manufacturing of goods from raw materials. It includes industries like textiles, food processing, and metalworking.

(c) Tertiary sector - This sector involves the provision of services. It includes retail, education, and healthcare.

(d) Quaternary sector - This sector involves the production of knowledge and information. It includes research and development, and IT services.

(e) Quinary sector - This sector involves high-level decision-making and management. It includes top executives in large corporations and government officials.

HEADMISTRESS
 J. V. STANLY SELVAKUMAR
 CHENNAI

Answer 13

Choose the correct answer: (4 x 1 = 4)

- (b) Drought
- (c) Co-operative sector
- (b) 2004
- (c) 2
- (b) Mutual bank
- (b) French
- (c) 4

Fill in the blanks: (2 x 1 = 2)

- dioxin
- agro-based
- primary
- human-made/man-made
- quaternary and quinary activities
- Tertiary

5

Match the following (10 x 1 = 10)

- Capital - Non geographical factor
- TV threat - Quaternary activity
- Judicial system - Quinary activity

J. V. STANLY SELVAKUMAR
 PRINCIPAL
 Jurlady College of Education
 Ourlady Nagar,
 Madhavoyal, Chennai-68

- 1. Environmental factors - Hazard material
- 2. Technological development - Mutation in microbe
- 3. Transportation - Accident
- 4. Human induced hazard - Terrorism
- 5. Military activities - release of sulphur
- 6. Chemical waste - industrial waste
- 7. Waste disposal - point source

ii) Distinguish between (Natural & Human made)

1. Natural hazard - These are the results of natural processes and man has no role to play in such hazards. The main examples of natural hazards are earthquakes, floods, cyclonic storms, droughts, landslides, tsunamis and volcanic eruptions.

Human made hazard - These are caused by unbridled activities of human. It can be the result of an accident such as industrial chemical leak or oil spill, or an intentional act.

iii) Agro-based industries

These industries use plant and animal based products as their raw materials. Example: Food processing, vegetable oil, cotton textile, dairy product etc.

M. S. RAMY DEVARAJAN
 PRINCIPAL
 Jyothy College of Education
 Durgam Chigla
 Hyderabad, Chennai-68

Marine based industries - These industries use products from the sea and oceans as raw materials.
Example; Processed sea food, fish oil manufacturing unit etc

3. Large scale industries - The capital required for the establishment of an industry is more than one crore the industry is called as large scale industry.
eg: Oil refineries, Cement and Textile industry

Small scale industries -


The capital required for the establishment of an industry is less than one crore, the industry is called as small scale industry.

V. Answer the following questions (5x2m=10)

1. INDUSTRY: Industry is a place of process by which the raw materials are changed into finished products.

2. There are three types of hazards namely

- * Natural hazards
- * Human-made hazards
- * Socio-natural hazards


D. Y. STANLY SELVAKUMAR
PRINCIPAL
JUTHAY College of Education
Our Lady Neri,
Madhavoyal, Chennai-25

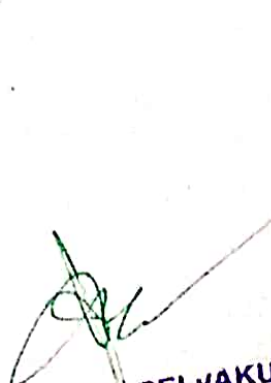
3. Quinary economic activity refers to the high level decision making processes by executives in industries, business, education and government.
4. Hazard - Hazards are defined as a thing, person, event or factor that poses a threat to people, structure or economic assets and which may cause a disease / disaster.
5. Landslides are caused by natural forces and their frequency and impact may be aggravated as a result of construction of roads, houses etc.

2. Factors responsible for location of Industries
- (i) Raw materials
 - (ii) Power
 - (iii) Labour
 - (vii) Climate
 - (iv) Transport
 - (v) Storage and warehousing
 - (vi) Topography
 - (viii) Water Resource

1. Answer the following in detail (2 x 5m = 10)

1. Industries are classified based on the source of raw materials are

- (i) Agro based industries
- (ii) Mineral based industries
- (iii) Marine based industries
- (iv) Forest based industries


Dr. Y. STANLY SELVAKUMAR
PRINCIPAL
Jurlady College of Education
Ourlady Nagar
Madhavoyal, Chennai-45

(i) Agro based industries : These industries use plant and animal based products as their raw materials.
eg: Food processing, Vegetable oil, cotton textile, Dairy product etc.

(ii) Mineral Based Industries : These are the industries that use mineral ores as their raw materials. Iron made from iron ore is the product of mineral based industry. Cement, Machine Tools etc. are the other examples of mineral based industries.

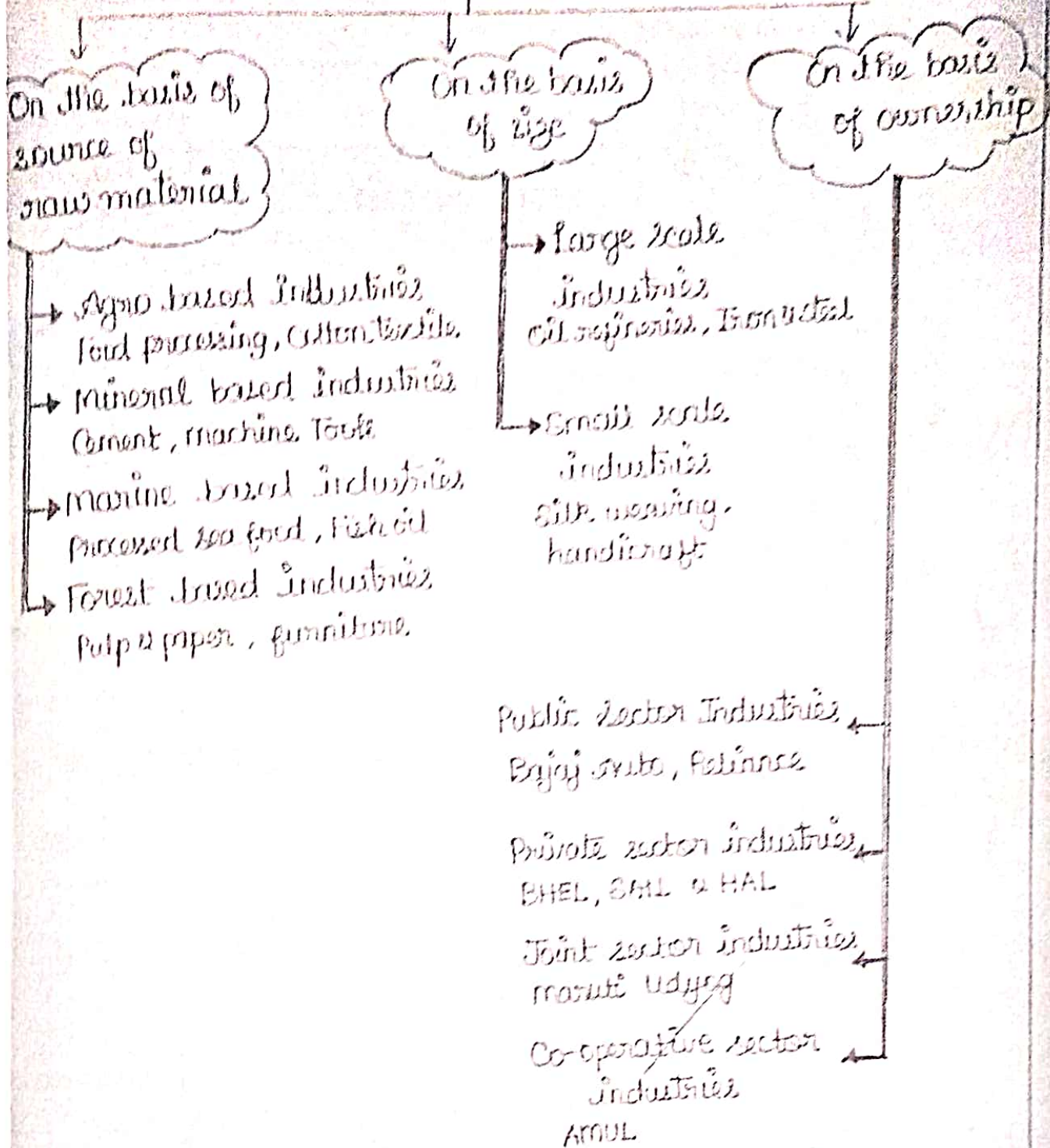
(iii) Marine Based industries : These industries use products from the sea and ocean as raw materials.
ex: Processed sea food, fish oil manufacturing unit etc.


(iv) Forest Based industries : These industries use forest product as their raw materials. eg: Pulp & paper, furniture and some pharmaceutical industries etc.

Landslide is a rapid downward movement of rock, soil and vegetation down the slope under the influence of gravity. Landslides are generally sudden and infrequent. Presence of steep slope and heavy rainfall are the major causes of landslides. Weak ground structures, deforestation, earthquakes, volcanic eruptions, mining, construction of roads and railways over the mountains are the other causes of landslides.

D. V. STANLY SELVAKUMAR
PRINCIPAL
Jumedy College of Education
Our Lady Road
Madhavaram, Chennai

INDUSTRIES



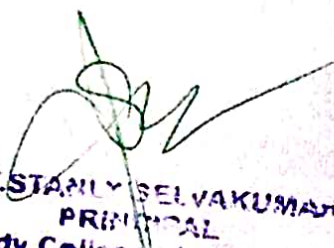

D. T. STANLY SELVAKUMAR
PRINCIPAL
Jairady College of Education
Ourady Nagar,
Maduravoyal, Chennai-15

Mark List

S.No.	Name	Marks	Percentage
01.	Bhumiika . S	41	77
02.	Cherlynn Medonna . A	43	86
03.	Dhana Dhuyaksha . R	42	86
04.	Harini . M	35	70
05.	Harshita . B	42	84
06.	Jene Carline	32	64
07.	Kunguma Rupika	37	74
08.	Madhu Sri . P	31	62
09.	Madira Fathima . I	42	84
10.	Nishanthi . G	47	94
11.	Nivya Eshwini	26	52
12.	Nuison Kaping Kharkonger	33	66
13.	Paidkova . B	37	74
14.	Peeruma . J	32	64
15.	Reelin Mooy . R	43	86
16.	Sanjana . M	35	70
17.	Srinidhi . S	46	92
18.	Tanusthara Meenakshi	25	50
19.	Telishya Princy	41	82
20.	Yegashree	41	82

Frequency Histogram

Class Interval	Frequency
40 - 50	-
50 - 60	2
60 - 70	4
70 - 80	4
80 - 90	6
90 - 100	4
	20

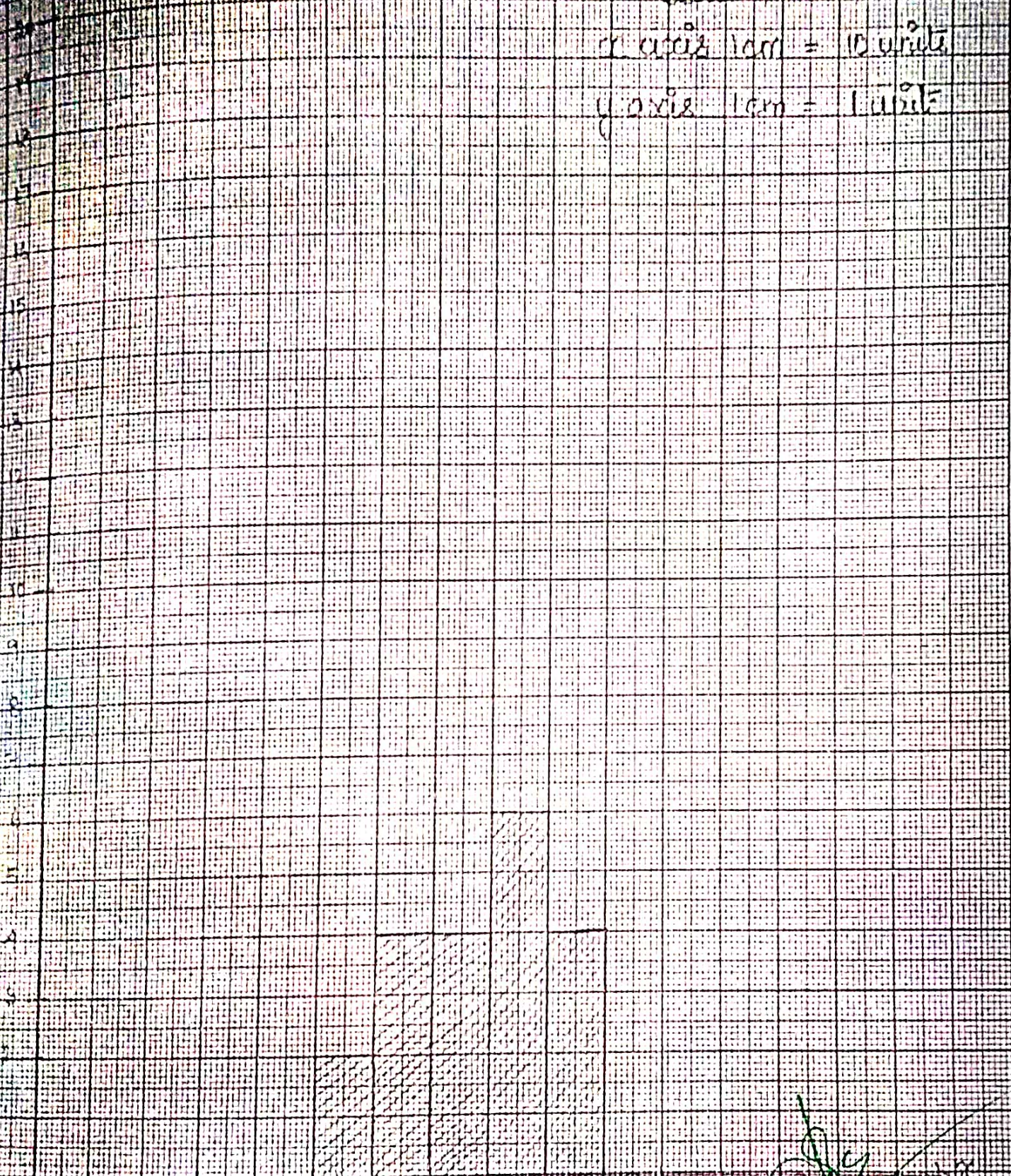

Dr. Y. STANLY SELVAKUMAR
PRINCIPAL
Jurlady College of Education
Ourlady Nagar
Maduravoyal, Chennai-45

Frequency Histogram


Scale

x axis 1cm = 10 units

y axis 1cm = 1 unit



0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150


D. V. STANLEY SELVAKUMAR
PRINCIPAL
Jairady College of Education
Jairady Nagar
Madhavayer, Chennai-45

