

INDIRA GANDHI NATIONAL OPEN EDUCATION

Delhi

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TEACHERS TRAINING PROGRAMME

Nursery Teachers Training (DNTT) – Duration 1 Year

FIRST YEAR		
CODE	SUBJECT	CREDITS
DNTT101	HEALTH & NUTRITION	4
DNTT102	CHILD PSYCHOLOGY	4
DNTT103	MORDEN METHOD OF TEACHING	4
DNTT104	PRINCIPLES OF EDUCATION	4
DNTT105	SCHOOL MANAGEMENT & ORAGNISATION	4
DNTT106	ART & CRAFT	8
DNTT107	ONE MONTH INTERNSHIP PROGRAMME	4
TOTAL CREDITS		32

Nursery Primary Teachers Training (DNPTT) – Duration 2 Years

FIRST YEAR		
CODE	SUBJECT	CREDITS
DNPTT101	HEALTH & NUTRITION	4
DNPTT102	CHILD PSYCHOLOGY	4
DNPTT103	MORDEN METHOD OF TEACHING	4
DNPTT104	PRINCIPLES OF EDUCATION	4
DNPTT105	SCHOOL MANAGEMENT & ORAGNISATION	4
DNPTT106	ART & CRAFT	8
DNPTT107	ONE MONTH INTERNSHIP PROGRAMME	4
TOTAL CREDITS		32

SECOND YEAR		
CODE	SUBJECT	CREDITS
DNPTT201	TEACHING OF ENGLISH/HINDI	8
DNPTT202	TEACHING OF SCIENCE	8
DNPTT203	TEACHING OF SOCIAL SCIENCE	8
DNPTT204	TEACHING OF MATHEMATICS	8
DNPTT205	ADVANCE ART AND CRAFT	8
DNPTT106	ONE MONTH INTERNSHIP PROGRAMME	4
TOTAL CREDITS		44

1st Year Syllabus

--- HEALTH & NUTRITION

UNIT – 1 Science, meaning & definition of health education

- 1...What is health? What should be done for its proper maintenance?
- 2...What is a meaning of health education? Give its definition

UNIT – 2 Physical health care

- 1...Describe physical health care of various human organs.

UNIT – 3 Maternal & infant Mortality

- 1...What is mortality? Explain its sources with particular reference to India?

UNIT – 4 Diagnosis Diseases

- 1...Describe diagnosis and cure of minor infant diseases?

UNIT – 5 Infections Disease

- 1...What are infectious diseases? What steps should be taken to prevent infectious Disease?
- 2...Write a short note on (A) Malaria (B) plague

UNIT – 6 Balanced Diet

- 1...What is important of balanced diet?

UNIT – 7 Constituents of food

- 1...Describe the constituents of our food?

UNIT – 8 Exercise

- 1...What is the benefit of exercise? Describe its rules?

UNIT – 9 Characteristics of infancy

- 1...What are the characteristics of infancy? Describe types of adjustment during Infancy?
- 2...Write a short note on linguistic development of the child.

UNIT - 10 Water

- 1...What is the hardness and softness of water? How can these be removed?

UNIT – 11 Nutrition

- 1...What is nutrition?
- 2...What is mal nutrition and under nutrition? What are its types?

UNIT -12 first- aid

- 1 What is first aid? Explain first aid for broken bones.
- 2...describe first aid in bleeding?

UNIT – 13 Provision of Pure water & air In the school

- 1...Write a short note on artificial ventilation

UNIT – 14 Physical Deformities & their prevention

1... Write a short note on (a) cleft palate (b) hare-lip(c) club-foot.

UNIT -15 Systems in Human Organism

1... Write a short note on nervous system

UNIT -16 Contribution of school

1... What are the most important guidelines for the promotion of pre-school child's health.

--- CHILD PSYCHOLOGY

UNIT 1 Meaning & Definition of Child Psychology

1 ... Explain meaning and define child psychology?
2... Discuss the value of child psychology for the teachers .what is child psychology? How is the Study Child psychology useful in education?

UNIT 2 Stages of Child Development

1... Discuss major stages and aspects of human development?
2... discuss physical development during infancy?

UNIT 3 Growth & Development

1... What is growth? Describe its principal.
2... what is the meaning of development? Discuss various stages in human development?

UNIT 4 Heredity & Environment

1 ... What is heredity? How does its influence the formation of the personality of child? Give Instances in Support of your answer?
2 ... Describe the importance of environment factor in child development?

UNIT 5 Instincts & Development

1... Explain the nature of instincts and state how can they be modified?

UNIT 6 Motor Developments

1... What are the stages of motor development in infancy?
2 ... what are the important factors in motor development?

UNIT 7 Learning Manual Skills

1... Describe the process of learning manual skills by children?

UNIT 8 Behavioral Characteristics of infants

1... Identify the stages of prenatal development?

UNIT 9 Environmental Influences on Mental Development

1... Define mental health .explain its characteristics .discuss the importance of family and school in Maintaining mental health?

UNIT 10 Play way Methods to Influence Child Development

1... What do you understand by play? Describe the various theories of play?

2...delineate the importance of play in the development of personality during childhood?

UNIT 11 Personality integration

- 1...Give an account of the main influences in the development of a child's personality?
- 2...discuss different changes in the development of personality?

UNIT 12 Mental Health & Education

- 1...Explain factors affecting mental health of teachers?
- 2...what suggestion can be made to improve mental health of the teachers?

UNIT 13 Juvenile Delinquency

- 1...What is the juvenile delinquency? Describe its causes and method of treatment?
- 2...why does the child become delinquent?
- 3...how do children develop criminal tendencies? How can these be treated?

UNIT 14 Special Children

- 1...What is backward child? What are the causes of backwardness and what remedies value apply for them?
- 2...how will you define a gifted child?
- 3...write short note on supernormal children?

UNIT 15 Character Formation & Education

- 1...What is character? Explain the process of character formation .discuss the factors influencing it?

UNIT 16 Doubt Class

---MORDEN METHOD OF TEACHING

UNIT 1 Kindergarten method

- 1 Who is the founder of the Kindergarten?
- 2 Describe Merits & Demerits of Kindergarten Methods?

UNIT 2 Education Philosophy of Friable

- 1 Explain the silent Features of the Educational philosophy of Froebel.

UNIT 3 Kindergarten Philosophy in Pre-primary education

- 1 Explain Kindergarten Philosophy underlying the pre- primary education. Discribe its open curriculum

UNIT 4 Project method

- 1 Describe essential steps of project method .

UNIT 5 Advantages & limit actions of Project method

- 1 Evaluate the advantages and limitations

UNIT 6 Role of Teacher in Project method

- 1 What is the Role of Teachers While using Project Methods in normal classroom .
- 2 Suggest improvement for project method?
- 3

- UNIT 7 Play way
 1 Describe Types of Play. What should be done to promote play activities in india.
 2 Explain the concept play way what are its advantages?
- UNIT 8 Play activities on Piglets method
- UNIT 9 Concept of play way
- UNIT 10 Montessori Method
 1 Compare the educational thought and practices of frobel and montessori
- UNIT11 Bride the life sketch of Maria Montessori
 1 Explain Maria Montessori in philosophy of education .Describe her contribution to Education
- UNIT 12 Advantages & limitation of Montessori
 1 Explain the advantages & limitations of Montessori Method of nursery education.
- UNIT13 Working of didactic apparatus in the Montessori: method
 1 Explain the Working of didactic apparatus in the Montessori: method.
- UNIT 14 Nursery Education Method
 1 Describe Types, functioning & problems of Nursery School in India
- UNIT 15 Basic scheme of Education
 1 What is basic education; describe its aims & Ideals.
- UNIT 16 Dalton Plan
 1 How Does The Delton Plan Works?
 2 Point out its advantages & limitations

--- PRINCIPLES OF EDUCATION

UNIT-1: Meaning of Education

- 1...What is education? Explain its narrow meaning.

UNIT-2: Agencies of Education

- 1...What are the agencies of education. Classify formal and informal agencies and show their distinctions.

UNIT-3: Functions & aims of Education

- 1...Describe the function of education in social life?

UNIT-4: General & Important aims of Education

- 1...Describe general and important aims of education?

UNIT-5: Aims of Education in modern India

- 1...Discuss the aim of education in modern India.

UNIT-6: Education for national & international understanding

- 1...What is the problem of national integration in India. What are the obstacles in it?
 Describe education of national integration

UNIT-7: Education for emotional education

- 1...Write an essay on education for emotional integration.

UNIT-8: Education for citizenship

- 1...Examine arguments for and against education for citizenship.

UNIT-9: Democracy & Education

1...Write an essay on-Education for democracy in India.

UNIT-10: Importance of freedom & discipline

1...Discuss the importance of freedom and discipline and explain the meaning of discipline.

UNIT-11: Religious & moral education

1...Write an essay on religious education.

UNIT-12: Ideas of Indian educationists

1...Write a note on contemporary Indian philosophy of education.

UNIT-13: Contemporary Indian Philosophy of Teacher

UNIT-14: Educational Thoughts of Swami Vivekananda

1...What are he means of education according to Vivekananda?

UNIT – 15 MK Gandhi ‘s Educational Philosophy

1...”Gandhi’s philosophy of education is naturalistic it is setting.

UNIT – 16 Educational Thoughts of Rabindra Nath Tagore

1...Describe Tagore’s contribution to Education

---SCHOOL MANAGEMENT & ORAGNISATION

UNIT-1: School Administration

1 What is the meaning of School Administration?

UNIT-2: School Organization Needs

1 What is the need of School Organization?

UNIT-3: Duties & Responsibilities of Head Master

1 Explain head masters duties & responsibilities?

2 “A Good Headmaster is not merely good Adminitrator.”Discuss & Explain what additional qualification the head of a school should possessed.

UNIT-4: Democratic Method Viz Dictatorship

UNIT-5: Duties of Teacher School Discipline maintenance

1 What are the duties of a teachers?

2 Explain the Causes of Indiscipline in School & Suggest how to maintain dispelling.

UNIT-6: Curriculum Construction

1 Describe Types of Curriculum construction.

UNIT-7: Time Table Management

1 What is school time table? “A Good Time Table is a Mirror of Smooth Work in a School” Explain.

UNIT-8: Importance of Homework

1 What is the Importance of Homework? What are its problems? Explain it.

UNIT-9: Co – curricular Activities School record & Register

1 “The Co-curricular Activities in a school are the very soul of school life “Discuss.

2 What is the concept of school records? explain its objectives & types.

UNIT-10: Traits of suitable school fees

UNIT-11: Museum Laboratory & workshop

1 Explain types of work shop maintenance. What are the principle of workshop Encouragement?

UNIT-12: School Library

- 1 How will you use Literary for effective teaching?
- UNIT-13: School & Community**
- 1 What is the relation ship of school & communication? How can it be improve in rural Area?
- UNIT-14: School & Society**
- 1 What are the Interrelations of school & society?
- UNIT – 15 School & Home**
- 1 Describe school Home Partnership.
- UNIT – 16 Educations for Citizenship**
- 1 Describe education for citizenship?

---ART & CRAFT

- UNIT 1 Introduction of craft**
- UNIT 2 Introduction of Art & Craft for children**
- UNIT 3 Introduction of colors**
- Primary colors & secondary colors
 - Cool & Warm coolers
- UNIT 4**
- Demo class (Practical)
- UNIT 5 Introduction of free hand drawing**
- Charcoal & crayons
- UNIT 6 Demo class (practical)**
- UNIT 7**
- To Develop concentration Power
 - Dot Painting
- UNIT 8**
- Introduction to Paintings
- Bottle cap painting
 - Spray painting (inner)
 - Spray painting (outer)
- UNIT 9 Demo class (painting)**
- UNIT 10**
- For improvement of finer muscles of child
- Finger tips painting
 - Thumb painting
 - Fist & palm painting
- UNIT 11 Demo class (practical)**
- UNIT 12** To improve grasping power of child
- Crush painting
- UNIT 13 Demo class (practical)**
- UNIT 14**
- To give knowledge about mirror effect & improvement of finer muscles
 - Double side impression painting
- UNIT 15 Demo class (practical)**
- UNIT 16** To give knowledge about softness
- Cotton Dab painting
- UNIT – 17 Demo class (practical)**
- UNIT - 18**
- To improve grip & finer muscles of child
- Tearing & pasting
 - Cutting & pasting

UNIT – 19 Demo class

UNIT -20 To improve muscles of mouth of the child

- Blow painting (with mouth)
- Blow painting (with straw)

UNIT -21

To improve grasping power ,concentration power & fine muscles

- Button painting
- Thread painting

UNIT – 22 Demo class (practical)

UNIT – 23

Use of waste material in a painting

- Scrap painting
- Pencil Sharing painting

UNIT -24

To give knowledge about ascending & descending order & leaves

- Leaf painting in ascending & descending order with Demo
- Leaf creativity

UNIT 25

To give knowledge about Alphabet& Hindi Akshar gyan by using crafting Techniques

UNIT 26

To give knowledge about numbers

Making book of counting

UNIT 27

Making of origami file

What is origami?

UNIT 28 How to write a short story according to child

UNIT 29 Making of story file

UNIT 30 Dramatization of story

UNIT 31

How to write poems/Rhymes

Making of poems /rhymes

UNIT 32

Poems recreation

UNIT 33

Collection of various topics for children

Making of multipurpose file

UNIT 34

Introduction to masks

- Face mask
- Eye mask

UNIT 35 Demo of eye & face mask

UNIT 36 How to narrate a poem / story through eye & face mask

UNIT 37

Introduction to puppets with Demo

- Stick puppet
- Finger puppet
- Ring puppet
- Shadow puppet
- Gloves Puppet
- Socks Puppet

UNIT 38 Uses of puppets in teaching

UNIT 39 To improve the senses of child

- Texture cards
- Soft, hard, smooth, rough

UNIT 40 Uses of Texture cards

- UNIT 41 Pictorial chart making
- UNIT 42 Flannel board making
- UNIT 43 Introduction to flash cards& their uses
- UNIT -44 what are the worksheets?
- UNIT -44 Project work on worksheets by students
- UNIT -45 For audio – visual aids demo class by using Projector
- UNIT – 46 Introduction, importance & making Lesson plan
- UNIT – 47 Demo Class
- UNIT – 48 Project Work

✓ **One Month internship Programme for Student**

2nd Year Syllabus

---TEACHING OF ENGLISH/HINDI

- UNIT 1 Teaching Of English Of Elementary Level
 - 1 Discuss the need of teaching English at Elementary stage.
- UNIT 2 The importance of teaching English in school
 - 1 What are the Aim of Teaching at Elementary Level?
- UNIT 3 Approaches of teaching English translation method?
 - 1 What are the Approaches of Teaching English at the Elementary level?
 - 2 Translation Method
- UNIT 4 Approaches of teaching English (the direct method)
- UNIT 5 Approaches of teaching English (bilingual method)
- UNIT 6 Skills of listening and speaking English
 - s1 How Skill of Listening and Speaking English can be developed?
- UNIT 7 Various method of developing reading skill of English at elementary level.
 - 1 Describe the various Method of developing Reading Skill of English at Elementary Level.,
 - 2
- UNIT 8 Importance of teaching vocabulary.
 - 1 What is the importance of Teaching Vocabulary? How English vocabulary can be improved.
- UNIT 9 The ways of developing writing skill.
 - 1 Discuss the ways of developing writing skill.
- UNIT 10 Bad handwriting.
 - 1 What are the causes of Bad Handwriting .What methods can be adopted to improve Handwriting
- UNIT 11 Method of teaching prose
 - 1 What is the Method of Teaching Prose?
- UNIT 12 Difference between prose and poetry.
 - 1 What is the difference Between PROSE and Poetry?
- UNIT 13 “Teaching aids” Eohile teaching elementary level.
 - 1 What Teaching aids can be used while teaching English at Elementary Level.
- UNIT 14 “Visual aids” Eohile teaching English elementary level.
- UNIT 15 Use of teaching aids in school
 - A. Black board, flannel board.
 - B. Tape recorder.
 - C. Radio.
 - D. Audio-visual aids.
 - E. Teaching machines.
 - F. Films.

---ADVANCE ART AND CRAFT

- UNIT 1 Introduction of art & craft activities
- UNIT 2 Photo frame
- UNIT 3 Rainbow streamers
- UNIT 4 Kite making
- UNIT 5 Sunflower coasters
- UNIT 6 Food craft
- UNIT 7 Hand made paper bags
- UNIT 8 Beaded bracelet
- UNIT 9 Thermo col bucket
- UNIT 10 Pen stand with dangle
- UNIT 11 Piggy bank
- UNIT 12 Clay modeling based on the topic of Evs and science.
- UNIT 13 Penguin making
- UNIT 14 Envelop art
- UNIT 15 Popcorn craft.
- UNIT 16 Soft toy making
- UNIT 17 Paper craft-cutting, folding and Pasting
- UNIT 18 Glass painting
- UNIT 19 Sand painting & Straw flower
- UNIT 20 Straw wall hanging
- UNIT 21 making file folders and their Decoration
- UNIT 22 Hand made paper bags and their Decoration.
- UNIT 23 3d paper craft.
- UNIT 24 Bird bino culars (to give knowledge to the student to spot birds as they explore all aspects of spring time).
- UNIT 25 Paper beads bracelet
- UNIT 26 Worksheet for primary classes.
- UNIT 27 Make you own jewelry.
- UNIT 28 modern arts with eggs
- UNIT 29 Bleeding art & Book mark
- UNIT 30 Social project (clay modelling)
- UNIT 31 Favorite place cal large work
- UNIT 32 Paper quelling art

---TEACHING OF SCIENCE

- UNIT-1: Aims & objectives of teaching science
 - 1 What are the Aims & Objectives of teaching Science in elementary School ?How can
- UNIT-2: Aims of teaching science in schools
- UNIT-3: Principles , method of teaching
 - 1 What are different Principles/methods of Teaching
- Science ? UNIT-4: Connectional process ,integrated approach ,activity approach
 - 1 Conceptual Approach
 - 2 Integrated Approach
- UNIT-5: Scientific problem- solving method
 - 1 Problem – solving Method
 - 2 Some other method of teaching science to be tried out in practice /Regular Teaching
- UNIT-6: Approaches of teaching

- 1 What are the method of Teaching science ?What is the importance of Text Book and Heuristic method in science Teaching?
- 2 Heuristic Method
- 3 Difficulties and demerits of the Heuristic method
- UNIT-8 : Project & Demonstration method
- 1 Project Method
- 2 Merits of Project Method
- 3 Demerits and the difficulties of the project method
- 4 Demonstration method
- 5 Merits and Qualities of the Demonstration Method
- 6 Demerits of demonstration Method
- UNIT-9: Importance of science Text –book
- 1 What is the importance of science Text book in teaching of Science ? What are its aids and its implication?
- UNIT-10: Importance of teaching aids
- 1 Describe briefly the aids employed in Teaching of science ?
- UNIT-11: Importance of Laboratory in science teaching
- 1 What is importance of science Laboratory in Schoold ? What is its importance in Science Teaching ? What are the characteristics of Good Science Laboratory ?
- UNIT-12: Use of local & community resources in schools
- 1 What is uses of Local and Community Resources in Schools ?
- UNIT-13: Primary science kit
- 1 Mini Tool kit
- UNIT-14: How cost teaching aids & improvising teaching aids equipment
- 1 Low cost Teaching Aids and Improvising Teaching Aids /Equipments
- UNIT-15 Project work

---TEACHING OF SOCIAL SCIENCE

- UNIT-1: Concept of Environmental & social science
- 1 Explain The concept of “Envorment Studies”, What are its components?
- 2 Explain the concept of social studies? State its scope with social Reference to various relationship?
- 3 Stae in brief the correct concept of social studies .why should it be included in the school curriculum?
- UNIT-2: Aims & Objective of teaching social studies
- 1 What are the Aims & Objectives of Teaching Of Social Studies?
- UNIT-3: Curriculum
- 1 What are the Principle of constructing Curriculum in social studies?
- 2 Throw light on the defects of the social studies curriculum at the secondary stage in your state. What improvement would you suggest?
- UNIT-4: Inclusion of social studies in the school curriculum
- UNIT-5: Social Studies Its Meaning, Nature & Scope
- 1 What is the meaning & scope of social Studies?
- 2 The subject social Studies should incorporate the topics from the area of history ,civics & Geography only” Comment.
- UNIT-6: General objectives of teaching social studies
- 1 What are General Objectives O f teaching social studies?
- 2 What are value Teaching social studies?
- UNIT-7: Meaning & importance of instructional planning
- 1 Write a brief note on the the meaning ,importance ,components and advantages of Instructional planning?
- UNIT-8: Daily & Unit lesson plan
- 1 Explain the meaning of unit lesson of Planning ,what are the Characteristics? State

- the principals of planning and making a unit?
- 2 What is Daily Lesson plan? Why it is needed? State the Various part of a lesson plan in social studies
- UNIT-9 : Dynamic method of teaching social studies
- 1 Explain the Chief characteristics of dynamic methods of teaching can we exclusively Depends upon a single method of teaching?
- 2 What is the Problem Solving Method Of Teaching ? What are Its merits and limitations?
- UNIT-10: Techniques of teaching
- 1 What are the important Techniques of teaching social studies? State with reference to: (1) Narrations,(2) Description,(3) Explanation & (4) Exposition.
- UNIT-11: Question Technique
- 1 “One who Question faultlessly teachers effectively”,
- Discuss. UNIT-12: Project method & problems doing lecture discussion method
- UNIT-13: Teaching aids
- 1 “Teaching Aids provide motivation to the learner and facilitate social studies learning Comment on this statement .state the principles of using teaching aids.
- UNIT-14: Evaluation in social studies
- 1 Write a note on Evaluation, its methods and importance.
- 2 What do you understand by objectives type test? In what way are they bettr than the old essay type?
- UNIT -15 Content Enrichment
- 1 What is Environment? What are its Concur?
- 2 Explain the meaning of ecology State The principles of maintaining equilibrium in ecology.
- 3 What is environmental pollution? What are its various types and Sources?
- UNIT - 16 Project work

---TEACHING OF MATHEMATICS

UNIT: 1 THE TEACHING OF MATHEMATICS

- Meaning of Mathematics
- Aims of Teaching of Mathematics
- Objectives of Teaching Mathematics
- Taxonomy of Instructional Objectives
- Importance of Teaching of Mathematics
- Meaning & Aims of Curriculum
- Needs and Importance of Curriculum

UNIT: 2 METHOD OF TEACHING MATHEMATICS

- Inductive Method
- Deductive Method
- Play-way Method
- Project Method
- Problem Solving Method

UNIT: 3 CONCEPTS OF FRACTIONAL NUMBERS

- Fraction

UNIT: 4 TEACHING OF MEASURES

- Measure of Length
- Measure of Weight
- Measure of Time
- Measure of Capacity
- Measurement of Temperature

UNIT: 5 VOLUMES AS MEASURE OF SPACE

- Area and Perimeter
- Area of Rectangle
- Area and Parameter of Square
- Rhombus
- Trapezium
- Area of Triangles
- Area of Circle
- Find The Circumference of Circle

UNIT: 6 VOLUMES AS MEASURE OF SPACE

- Volume of Cylinder
- Volume of Cube
- Volume Of Cone
- Area of 4 Walls of Cuboidal

UNIT: 7 COMMERCIAL ARITHMATIC

- Percentage and Its Use
- Profit and Loss
- Discount
- Simple Interest
- Compound Interest

UNIT: 8 TEACHING OF NUMBER SYSTEM

- Hindu-Arabic Number System
- Zero
- Numbers and Digits
- Integers
- Order Relation in Rational Numbers
- Properties of Rational Numbers
- Mathematics Kit

UNIT: 9 LESSON PLAN

- Meaning of Lesson Plan

UNIT: 10 CONTRIBUTION OF INDIAN MATHEMATICS

- Aryabhatt
- Brahmagupta
- Bhaskracharya
- Ramanujam

UNIT: 11 STATISTICS

- Definition and Mean of Statistics
- Importance and Utility

- Tabulation Of Data
- Methods of Presentation of Data
- Aims of Teaching Mathematics at Primary and Secondary Level
- Aims and Objectives
- Meaning of Curriculum
- Nature Importance Aims Function Textbook & Examination of Mathematics

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