FACULTY OF SCIENCE

SYLLABI

FOR

CHILD CARE

ADD-ON COURSE

EXAMINATIONS, 2011

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OUTLINE OF TESTS, SYLLABUS AND COURSES OF READINGS FOR CHILD-CARE (CERTIFICATE COURSE) FOR THE EXAMINATIONS OF 2011.

Scheme of Examination

<table>
<thead>
<tr>
<th>Name of Paper</th>
<th>Marks</th>
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<td></td>
<td>Paper</td>
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<tr>
<td>A. Child Care (from birth to early childhood)</td>
<td>65</td>
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<tr>
<td>B. Child Growth &amp; Development</td>
<td>65</td>
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<tr>
<td>C. Practical of Child Care and Development</td>
<td>40</td>
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</table>
Child Care (from birth to early childhood)

Paper A

Max. Marks: 75
Paper: 65
Internal Assessment: 10
Credits: 3 Hrs.

Note: Each paper will have 2 sections. Section– A (25 Marks) will comprise of short answers / objective questions from different topics of syllabus and will be compulsory. Section– B (40 Marks) will have 7 questions, out of which students are required to answer any 4.

Instructions for Paper Setters:

1. Each theory paper will be of **three hours** duration.
2. Questions paper will have **four** sections.
3. A total of **Nine** questions comprising of two questions from each unit and one compulsory questions of short answer type covering the whole syllabus will be set.
4. All questions may carry **equal marks** unless specified.
5. Students will be expected to attempt one question from each unit and the compulsory question.

Objectives:

1. To understand the various concepts of Child Care.
2. To acquaint the students with various problems related to Child Care.

Unit I

1. Definition of child development – importance of child care.
   Neonatal care and development in 1-4 weeks.

2. Feeding the baby
   a) breast feeding– Importance for mother & baby. Hygiene required for breast feeding.
   b) bottle feeding.

Unit II

3. Weaning
   a) Definition
   b) Type of weaning food.
   c) Precautions in weaning.
4. Care of child
   a) Bathing
   b) Sleeping
   c) Exercise
   d) Clothing
   e) Value of good habits

Unit III

5. Immunization of baby (0-2 years)
   a) Importance
   b) Schedule

6. First Aid
   a) Importance
   b) First aid for common injuries / common accidents, falls, burns and choking.

Unit IV

7. Common ailments of children
   Causes, symptoms, prevention and treatment of:
   a) Digestive problem—constipation, vomiting, diarrhoea
   b) Teething problems
   c) Skin ailments—rashes, prickly heat, eczema.
   d) Respiratory problems—cold and cough.

References


Child Growth and Development

Paper B

Max. Marks: 75
Paper: 65
Internal Assessment: 10
Credits: 3 Hrs.

Note: Each paper will have 2 sections. Section – A (25 Marks) will comprise of short answers / objective questions from different topics of syllabus and will be compulsory. Section– B (40 Marks) will have 7 questions, out of which students are required to answer any 4.

Instructions for Paper Setters:

1. Each theory paper will be of three hours duration.
2. Questions paper will have four sections.
3. A total of Nine questions comprising of two questions from each unit and one compulsory questions of short answer type covering the whole syllabus will be set.
4. All questions may carry equal marks unless specified.
5. Students will be expected to attempt one question from each unit and the compulsory question.

Objectives:

1. To get an overview of foundation of growth and development of child
2. To realize the importance of early years.
3. To enhance understanding of developmental needs of children of 0-2 years.

Contents

Unit I

1. Growth and Development
   a) Definition
   b) Differences
   c) Importance of growth and development.
2. Principles of development
3. Role of heredity and environment on the growth and development of the child.

Unit II

4. Pre– Natal Development
   a) Stages of Prenatal Development
   b) Factors affecting Prenatal Development with special emphasis on the need for health care and nutrition in pregnancy.
5. a) Birth process – Normal birth, caesarian, birth complications at birth.
   b) Effect of Pre–maturity on development
   c) Adjustment of postnatal hazards associated with it.

6. Physical development during 0-2 years and factors affecting it.

Unit III

7. Motor development during 0-2 years
   a) Sequence of motor development
   b) Motor skills
   c) Handedness
   d) Factors affecting motor development

8. Language development during 0-2 years
   a. Pre–Speech forms of communications.
   b. Stages of language development
   c. Hazards in language development
   d. Factors affecting Language development.

Unit IV

9. Emotional Development
   a. Characteristics of emotions
   b. Pattern of emotional development.

10. Social Development (0-2 Years.)
    a. Meaning
    b. Importance of early social experiences
    c. Pattern of Social Development.

References
Child Care and Development (Practical)

Max. Marks: 50
Paper: 40
Internal Assessment: 10
Credits: 2 Hours

Instructions for Paper Setter:

1. Each practical paper will be of 3 hours duration.
2. The question paper should cover the entire syllabus.
3. The file work and viva voice will be of 5 marks each (Total = 10 marks)

Objectives:

1. To acquaint the students with the importance of feeding and weaning practices.
2. To enhance the knowledge on Anthropometric Measurements of children.

Contents:

1. Visit to a hospital, well baby clinic and ante–natal clinic and make a report of the same.
2. Sterilization of Bottles.
3. Preparation of weaning foods.
   a) Solids – 3
   b) Semi solids – 3
4. Record keeping of baby’s health
   - Height
   - Weight
   - Mid arm circumference
   - Chest circumference
   - Head circumference
5. Practical knowledge of first aid
7. A small project on feeding and weaning practices followed by parents in different socio–economic strata.
8. Interviewing mothers regarding myths and beliefs followed by them during pre–natal period.

References:

## OUTLINE OF TESTS, SYLLABI AND COURSES OF READINGS FOR CHILD – CARE (DIPLOMA COURSE)

### Scheme of Examination

<table>
<thead>
<tr>
<th>Name of Paper</th>
<th>Paper</th>
<th>Internal Assessment</th>
<th>Total</th>
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<tbody>
<tr>
<td>A. Early Childhood Care and Education</td>
<td>65</td>
<td>10</td>
<td>75</td>
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<tr>
<td>B. Growth &amp; Development of Pre- Schoolers</td>
<td>65</td>
<td>10</td>
<td>75</td>
</tr>
<tr>
<td>C. Practical</td>
<td>40</td>
<td>10</td>
<td>50</td>
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</table>
Early Childhood Care and Education

Paper – A

Max. Marks: 75
Theory: 65
Internal Assessment: 10
Credits: 3 Hrs.

Note: Each paper will have 2 sections. Section – A (25 Marks) will comprise short answers / objective questions from different topics of syllabus and will be compulsory. Section – B (40 Marks) will have 7 questions, out of which students are required to answer any 4.

Instructions for Paper Setters:
1. Each theory paper will be of three hours duration.
2. Questions paper will have four sections.
3. A total of Nine questions comprising of two questions from each unit and one compulsory questions of short answer type covering the whole syllabus will be set.
4. All questions may carry equal marks unless specified.
5. Students will be expected to attempt one question from each unit and the compulsory question.

Objectives:
1. To gain knowledge regarding significance of ECCE.
2. To acquaint students with the philosophies of ECCE.
3. To gain an insight regarding the basic requirements and infrastructure of various ECCE centers.
4. To sensitize students with the needs of special children.

Content:

Unit I

1. a. Meaning and importance of early childhood care and education.
   b. Objectives of early childhood care and education.
   - Froebel
   - Montessori
   - Rabindranath Tagore
   - Mahatma Gandhi

Unit II

   - Building
   - Equipment (Selection, care etc)
   - Staff
Unit III

4. Programme for young children.
   - Planning of ECCE programme
   - Role of teacher in implementation of the programme.
   - Evaluation of the programme, records and reports

5. Evaluation of children
   - Observing Children
   - Teacher’s role in evaluation
   - Devices and techniques used in evaluation of children

Unit IV

6. Play
   - Need and importance of play during early childhood
   - Types of Play
   - Stages of Play

7. Common behavioral and emotional problems during early childhood.

References

Growth & Development of Pre-Schoolers

Paper – B

Max. Marks: 75
Theory: 65
Internal Assessment: 10
Credits: 3 Hours.

Note: Each paper will have 2 sections. Section – A (25 Marks) will comprise short answers / objective questions from different topics of syllabus and will be compulsory. Section – B (40 Marks) will have 7 questions, out of which students are required to answer any 4.

Instructions for Paper Setters:

1. Each theory paper will be of **three hours** duration.
2. Questions paper will have **four** sections.
3. A total of **Nine** questions comprising of two questions from each unit and one compulsory questions of short answer type covering the whole syllabus will be set.
4. All questions may carry **equal marks** unless specified.
5. Students will be expected to attempt one question from each unit and the compulsory question.

Objectives

1. To realize the importance of early years.
2. To acquaint the students with the major developments during preschool years
3. To sensitize the students about the various problems faced by the pre schoolers during their developmental years.

Content:

Unit I

1. Physical development during Early childhood
   - How physical growth influences behaviour.
   - Development of bones, teeth, muscles and posture.
   - Body size and body proportion.

   - Principles of Motor development.
   - Common Motor skills of childhood (Gross and Fine).
   - Hazards in Motor development.
   - Role of adults in guiding Motor development.
Unit II

   - Meaning of social development and social adjustment.
   - Role of companions in social adjustments (Peer relations).
   - Problems faced by children in socialization.

4. Emotional development during early childhood.
   - Meaning of emotions.
   - Various emotions in early childhood.
   - Emotional problems and guidance.

Unit III

5. Intellectual development.
   - Definition of intelligence and cognitive development.
   - Understanding various aspects of intelligence.
   - Concept formation.
   - Problem solving.
   - Imagination.
   - Memory
   - Creativity.

Unit IV

   - Meaning of speech and language
   - How children learn to speak
   - Major tasks in learning to speak
   - Content of speech
   - Speech defects and disorders
   - Role of parents in language development

References:

Practical

Maximum Marks: 50
Paper : 40
Internal Assessment: 10
Credits: 2 Hrs.

Instructions for Paper Setter:

1. Each practical paper will be of 3 hours duration.
2. The question paper should cover the entire syllabus.
3. The file work and viva voice will be of 5 marks each (Total = 10 marks)

Contents:

1. Observation and evaluation of any two early childhood institutions and their programmes.
2. Case study of a pre-school child
3. Planning of a week’s programme for young children.
4. A week’s meal planning for a pre-schoolers
5. Preparation of a kit pertaining to any one development of a pre-schooler.
6. Preparation of low cost/indigenous play equipment for pre-schooler.
OUTLINES OF TESTS, SYLLABI AND COURSES OF READINGS FOR CHILD – CARE (ADVANCED DIPLOMA)

Scheme of Examination

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<tbody>
<tr>
<td>A. Growth &amp; Development during Late Childhood</td>
<td>65</td>
<td>10</td>
<td>75</td>
</tr>
<tr>
<td>B. Child and Family Welfare</td>
<td>65</td>
<td>10</td>
<td>75</td>
</tr>
<tr>
<td>C. Practical</td>
<td>40</td>
<td>10</td>
<td>50</td>
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</tbody>
</table>
Growth and Development during Late Childhood

Paper A

Instructions for Paper Setters:

1. Each theory paper will be of three hours duration.
2. Questions paper will have four sections.
3. A total of Nine questions comprising of two questions from each unit and one compulsory questions of short answer type covering the whole syllabus will be set.
4. All questions may carry equal marks unless specified.
5. Students will be expected to attempt one question from each unit and the compulsory question.

Objectives:

1. To orient students to different aspects of child development, its nature and scope.
2. To acquaint students with development tasks.
3. To promote understanding about late childhood development.

Contents

UNIT 1

2. Physical & Motor Development in late childhood
   • Body Changes
   • Nutrition
   • Common health problems
   • Sex differences
   • Specific motor skills
   • Handedness.

UNIT 11

3. Cognitive Development
   • Intelligence(Reference to Piaget)
   • Increase in understanding Problem solving ability
   • Concept development
   • Memory
4. Language development
   • Vocabulary
   • Grammar & Syntax
   • Sentence formation
   • Reading
   • Speech and its improvement
   • Bilingualism

UNIT III

5. School
   • Influence of school environment (Physical infrastructure and curriculum)
   • Role of school in personality development-effects of success and failure

6. Social and emotional development
   • Common emotional pattern & problems
   • Role of parents & teachers in socialization
   • Peer group- Importance, Functions in the life of children

UNIT IV

7. Moral Development (Reference to Kohlberg)
8. Sex Education
   • Need and Importance
   • Role of parents & teachers
   • Play interests and activities in late childhood

References:
Instructions for Paper Setters:

1. Each theory paper will be of **three hours** duration.
2. Questions paper will have **four** sections.
3. A total of **Nine** questions comprising of two questions from each unit and one compulsory questions of short answer type covering the whole syllabus will be set.
4. All questions may carry **equal marks** unless specified.
5. Students will be expected to attempt one question from each unit and the compulsory question.

Objectives:

1. To introduce students to various child and family welfare programmes.
2. To orient the students with the rights of the child.
3. To acquaint the students with issues related to welfare services of children.

Contents

**UNIT I**

1. Meaning and importance of child and family welfare.
2. Status of children in India.

**UNIT II**

3. Child and family welfare programs in India.

**UNIT III**

5. U.N. declaration of the rights of the child.

**UNIT IV**

7. Welfare Services related to
   - Nutrition
   - Recreation
- Child guidance
- Foster care and adoption
- Women
- Health
- Maternity & child welfare

References


Practical

Maximum Marks: 50
Paper : 40
Internal Assessment: 10
Credits: 2 hours

Instructions for Paper Setter:

1. Each practical paper will be of 3 hours duration.
2. The question paper should cover the entire syllabus.
3. The file work and viva voce will be of 5 marks each (Total = 10 marks)

Objectives:

1. To acquaint with various methods of studying children
2. To develop skills to prepare audio-visual aids for children.

Contents:

1. Methods of studying children
   (Construction and administration of)
   - Interview
   - Observation
   - Questionnaire
   - Sociometry
2. Approaches of child study
   - Longitudinal
   - Cross-sectional

3. Techniques of child study
   - Objective
   - Subjective
   - Projective

4. Conduct a case study of a child in late childhood period

5. Anthropometric measurement of a child (6-12 years) - Height, Weight, Head circumference, chest circumference, and Arm circumferences.

6. Psychological testing
   - Any intelligence test for children
   - Any personality test

7. Preparation of an audio-visual aid.

References

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