

Name: \_\_\_\_\_ Index No. \_\_\_\_\_ / \_\_\_\_\_

6016

METHODOLOGY AND CURRICULUM  
ACTIVITY AREAS

December 2016

Time: 3 hours

Candidate's Signature: \_\_\_\_\_

Date: \_\_\_\_\_



THE KENYA NATIONAL EXAMINATIONS COUNCIL

DIPLOMA IN EARLY CHILDHOOD DEVELOPMENT AND EDUCATION

METHODOLOGY AND CURRICULUM ACTIVITY AREAS

3 hours

## INSTRUCTIONS TO CANDIDATES

*Write your name and index number in the spaces provided above.*

*Sign and write the date of the examination in the spaces provided above.*

*This paper consists of SIX questions.*

*Answer any FIVE questions in the spaces provided after question 6.*

*Do NOT remove any pages from this booklet.*

*Candidates should answer the questions in English.*

## For Examiner's Use Only

Question	Maximum Score	Candidate's Score
1	20	
2	20	
3	20	
4	20	
5	20	
6	20	
Total Score		

This paper consists of 16 printed pages.

Candidates should check the question paper to ascertain that all the pages are printed as indicated and that no questions are missing.

1. (a) Give **six** reasons for teaching pre-school children religious songs. (6 marks)
- (b) Discuss **four** messages that an Early Childhood Development and Education (ECDE) teacher would include when composing a song in prevention of HIV and Aids. (8 marks)
- (c) Explain **three** ways in which the theory of cognitive development by Jean Piaget would be useful to a teacher in delivery of instruction to pre-school children. (6 marks)
2. (a) Outline **six** activities that an ECDE teacher would engage children in to develop the concept of wind in science. (6 marks)
- (b) Examine **four** advantages of designing a trademark for creative activities in Kenya. (8 marks)
- (c) Propose **six** ways in which a teacher would develop positive attitude among parents towards physical activities for pre-school children. (6 marks)
3. (a) Describe the following teaching approaches in ECDE:
  - (i) Peer learning ; (2 marks)
  - (ii) Learning through play . (2 marks)
- (b) Discuss **four** reasons that may lead to grandparents raising their grandchildren in Kenya. (8 marks)
- (c) Describe **four** activities that a pre-school teacher would adapt to develop eye-hand coordination among children with mental challenges. (8 marks)
4. (a) Identify **six** objectives of teaching mathematics to 5-6 year old children. (6 marks)
- (b) Describe **three** mathematical skills that would be taught to pre-school children to enhance the concept of classification. (6 marks)
- (c) Examine **four** ways of environmental conservation in relation to African indigenous science. (8 marks)
5. (a) Outline **five** requirements that a Quality Assurance and Standards Officer would assess in a pre-school timetable in an ECDE centre. (5 marks)
- (b) State **five** characteristics of the language used by adults to communicate to children between 6 and 8 years. (5 marks)
- (c) Explain how the phonic method is used in teaching pre-school children reading skills. (10 marks)

6. (a) Identify **five** tasks that a pre-school teacher would involve children in when pasting creative work for display in the classroom. (5 marks)
- (b) Suggest **five** measures that the County Governments of Kenya would put in place to ensure an environment that is free from drug and substance abuse in public ECDE centres. (5 marks)
- (c) Discuss **five** benefits of using demonstration method in teaching sinking and floating activity to 3-4 year old children. (10 marks)

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