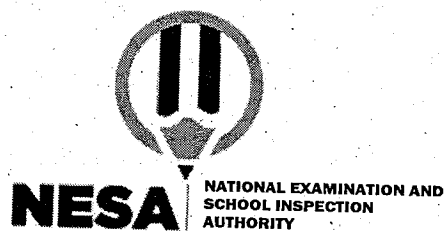


**FOUNDATIONS OF EARLY
CHILDHOOD EDUCATION**

FEC 01

20/07/2021 08:30 AM – 11:30 AM



TTC NATIONAL EXAMINATIONS, 2020-2021

**SUBJECT: FOUNDATIONS OF EARLY CHILDHOOD
EDUCATION**

OPTION: EARLY CHILDHOOD AND LOWER PRIMARY EDUCATION (ECLPE)

DURATION: 3 HOURS

INSTRUCTIONS:

- 1) Write your names and index number on the answer booklet as written on your registration form, and **DO NOT** write your names and index number on additional answer sheets if provided.
- 2) Do not open this question paper until you are told to do so.
- 3) This paper consists of **TWO** sections: **A** and **B**.

SECTION A: COMPULSORY QUESTIONS.

(70 marks)

SECTION B: ELECTIVE QUESTIONS.

(30 marks)

- 4) Use a **blue** or **black** pen.

SECTION A: COMPULSORY QUESTIONS (Attempt All Questions) (55 marks)

A.1 COMPULSORY CLOSED QUESTIONS

A.1.1 Choose the most appropriate answer from different options by only writing the corresponding letter (10 marks)

1. What could be the reason behind ECD and ECE policy in Rwandan education system? **(1 mark)**
 - a) Better access to immunizations and health care.
 - b) To improve social/emotional development functioning of the child.
 - c) To enhance smooth transition to primary school.
 - d) All the above
2. The following is the philosophy of John Dewey as an educator of Early Childhood Development and Education except: **(1 mark)**
 - a) He establishes child friendly schools
 - b) Education of children should be integrated
 - c) Children are born with potential to learn
 - d) Children learn best when they use all their senses
3. Corona virus/CIVD-19 is an issue that hinders the effective participation in ECD matters. One of the following is NOT concerned by its negative effects. **(1 mark)**
 - a) The teacher
 - b) The learner
 - c) The community
 - d) None of them
4. One of the following is NOT a reason why health and nutrition are learnt in ECDE **(1 mark)**
 - a) Growth and development influence health and nutrition
 - b) Health and nutrition influence growth and development of the child
 - c) A constantly sick child will have delayed growth and development
 - d) Health and nutrition influence the child's learning
5. Select the correct order of periods of prenatal development. **(1 mark)**
 - a) Germinal - Embryonic - Fetal
 - b) Embryonic → Fetal → Germinal
 - c) Germinal → Fetal → Embryonic
 - d) Embryonic → Germinal → Fetal

6. Play materials can be improvised using: **(1 mark)**
- a) Locally made materials
 - b) Purchased materials
 - c) Donated materials
 - d) High cost materials
7. Immunization is important for mothers and children because: **(1 mark)**
- a) It ensures them good health
 - b) It protects them from a specific disease infection
 - c) It protects them from HIV/AIDS
 - d) It guarantees them immunity
8. Pavlov is famous for his work in: **(1 mark)**
- a) Contingent conditioning
 - b) Operant conditioning
 - c) Classical conditioning
 - d) Oppositional conditioning
9. The study of learning is most closely associated with which school of psychology? **(1 mark)**
- a) Psychoanalytic
 - b) Humanist
 - c) Social
 - d) Behaviourist
10. Taking away a child's toys after she/he has hit her/his brother/sister (to stop her hitting him again!) is an example of: **(1 mark)**
- a) Positive punishment
 - b) Negative punishment
 - c) Vindictive conditioning
 - d) Observational learning

A.1.2 Answer True (T) if correct or False (F) if wrong. (5 marks)

11. ECD is an approach that entails giving children aged 0-6 years early care, stimulation, socialization and education so as to help them grow holistically.
12. At the end of Primary education, P6 students pass the national exam. This exam can be qualified as a "formative assessment".
13. Parents/caregivers should not talk to their children until the children are able to verbally express themselves.
14. Numeracy/Mathematics is more often used in every day's life than other subjects.
15. Language and literacy, health and physical, numeracy, creative and culture are all considered as a child's learning areas.

A.1.3 Filling in Questions (8 marks)

16. Fill in the blank space with the appropriate and correct word. **(8 marks)**
- (i) Reflecting before teaching and learning is; during teaching and learning is monitoring and after teaching and learning is
 - (ii) Freud said that the id operates according to the principle. The ego operates according to the principle and superego operates according to the moral principle.
 - (iii) In didactic, the transformation of the knowledge of the subject specialists into content to be taught is and transformation of that knowledge to be taught into content that has to be taught effectively is
 - (iv) Beginning in the ninth week after conception, the embryo becomes a
 - (v) A child with attachment has no consistent way of coping with the stress of a strange situation.
 - (vi) weakens a response by removing or reducing something pleasant after the response.
 - (vii) Thorndike placed inside a "puzzle box" to study learning.
 - (viii) In order to extinguish a CR, we would have to present the repeatedly without the US.

A.1.4 Matching Question (5 marks)

17. Match the following terms (types of pedagogical assessment) in column A with their appropriate descriptions in column B (table below):

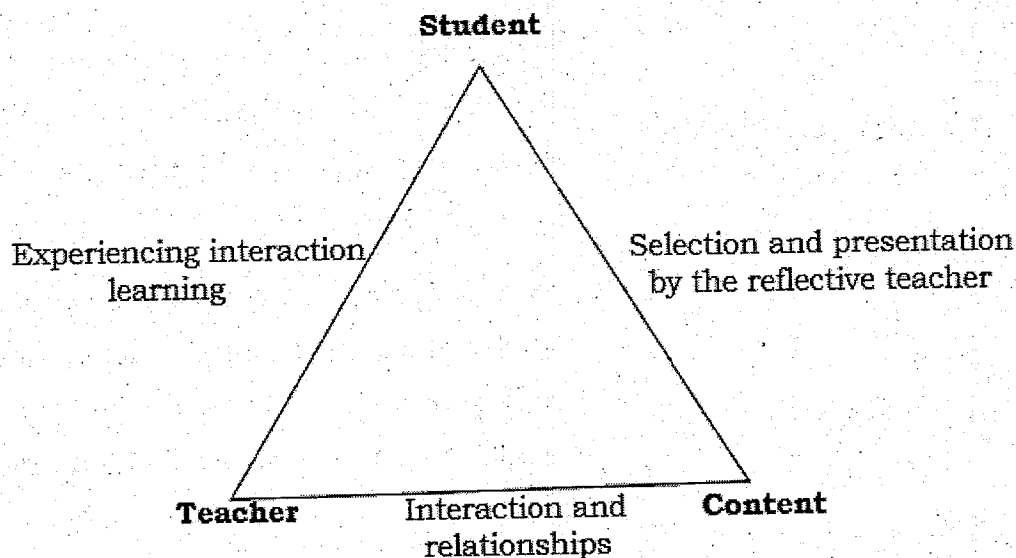
A. Types of pedagogical assessment	B. Appropriate Description
1. Diagnostic assessment	a) Refers to assessment designed, or selected, marked and used by other people from outside the student's school such as sector, districts, national or international level.
2. Assessment for learning	b) At the beginning of a new session of work; to find out what learners already know and can do, and to check whether the learners are at the same level.
3. Summative assessment	c) Occurs throughout the learning process. It is designed to make each student's understanding visible, so that teachers can decide what they can do to help student's progress.
4. Norm-referenced assessment	d) Is used to evaluate learner's learning, skill acquisition, and academic achievement at the completion of a defined instructional period, such as the end of a project, unit, course, term, school year and cycle.
5. External assessment	e) Measures a student's performance in comparison to the performance of a group of peers (norm group) on the same assessment.

A.2 COMPULSORY OPEN QUESTIONS (42 marks)

18. Write short notes on the following terminologies/concepts: (10 marks)

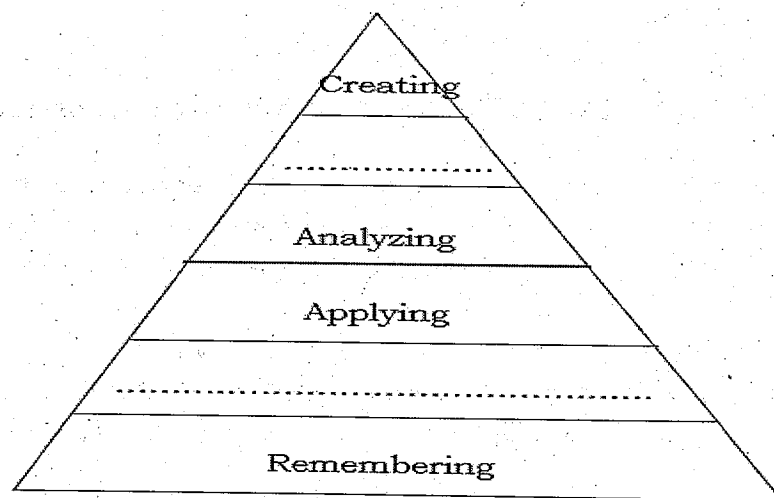
- a) Lifelong learning. (2 marks)
- b) Maturation. (2 marks)
- c) Growth. (2 marks)
- d) Sensitive period of development. (2 marks)
- e) Erogenous zones. (2 marks)

19. Adjust/correct, if applicable, the place of these components of the didactic triangle by putting them in their right places. (3 marks)



20. Suggest two (2) measures that an ECD centre can take to reduce incidences of child abuse. (2 marks)
21. Some parents, especially in rural areas, are hesitant to enroll their young children (0-6 years old) in ECD centres and pre-primary schools arguing that it is a wastage of time, because young children are not ready to learn. Advise them on the importance of these levels of education. (2 marks)
22. In two (2) points, identify what Rwanda has achieved to promote survival rights for children? (2 marks)
23. The Government of Rwanda invests heavily in promoting ICT in education. Show the importance of integrating ICT in education and explain the challenges faced in implementing it. (2 marks)

24. The Government of Rwanda has put forward the policy of gender equity and equality in education. But, its implementation faces some challenges. Provide any two (2) of them. **(2 marks)**
25. We are taught that thematic approach is a method whereby all learning activities are centred on one big idea, called a "theme". State any two (2) theme areas around which a teacher may focus on when planning and delivering learning activities. **(4 marks)**
26. In two (2) points, describe the role of play in holistic growth and development of Children **(3 marks)**
27. Here below is the pyramid of revised Blooom's taxonomy by Anderson. Fill in its missing levels: **(2 marks)**



28. The table below shows children/students in different levels of education in column A. Fill in the developmental stages (column B) in which every student belongs to, in consideration of the theoretical official school age for these children/students. **(3 marks)**

A. Levels of education	B. Developmental stages
Children studying in Middle class of ECE	
Students in P4	
Students in Y3 in TTC	

29. A P1 teacher was teaching mathematics (addition). He/she wrote exercises on chalkboard and students failed to make correct addition. He/she took his/her students out and told them to use stones. Students managed to solve the same exercise (addition) of numbers correctly.
- a) Why do you think students solved the same questions that they failed when they were in the classroom? **(2 marks)**
- b) What are the pedagogical implications can we draw from this experience? **(2 marks)**
30. Why should assessment results be shared with parents? **(1 mark)**
31. State any two (2) methods of assessment used in learner centred teaching in ECE. **(2 marks)**

SECTION B: ELECTIVE QUESTIONS: Attempt any 3 Questions (30 marks)

32. Some may think that teaching/learning activities are the teacher/learners' business. Others say that parents should be involved in their children's learning. Who is right and why? Support your answer in four (4) points. **(10 marks)**
33. An education partner wishes to establish a new ECD centre and pre-primary school in your village. Briefly, advise him/her on:
- a) The norms and standards of ECD centres and pre-primary schools according to Rwandan laws and policies. **(5 marks)**
- b) The steps/procedures to go through for the licensing/authorization according to "The National Pre-Primary Education Minimum Standards and Guidelines for Rwanda". **(5 marks)**
34. Identify different tips for effective classroom discipline in pre and lower primary in Rwanda. **(10 marks)**
35. Identify any four (4) teachers' rights and obligations as stipulated by teacher's statute. **(10 marks)**
36. "*Igiti kigororwa kikiri gito*". Show how this saying reflects what you know/learned from developmental psychology, and theories underlying the importance of ECD/ECE. **(10 marks)**