



THE OPEN UNIVERSITY OF SRI LANKA

FACULTY OF EDUCATION

BACHELOR OF EDUCATION HONOURS IN SPECIAL NEEDS EDUCATION  
DEGREE PROGRAMME-2020/2021

LEVEL - 06

FINAL EXAMINATION 2021

SNU6620/ESU4220 – EDUCATIONAL TECHNOLOGY FOR SPECIAL NEEDS  
EDUCATION

DURATION – THREE (03) HOURS

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Date: 25.04.2021

Time: 09.30 a.m. – 12.30 p.m.

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**INSTRUCTIONS**

This question paper consists of three parts. Students should answer ALL questions from Part I and Two (02) questions from Part II and two (02) questions from Part III.

**PART - I**

- i. Examine three (03) factors could be considered when integrating technology in the teaching and learning process.
- ii. Explain the importance of developing IEP for children with Special Educational Needs.
- iii. List out five (05) assistive devices that benefited for children with Visual Impairment.
- iv. Explain the use of technology in assessing children with special educational needs in the classroom.
- v. What do you mean by Alternative Augmentative Communication methods.
- vi. Indicate five (05) high tech devices could be used for children with special educational needs.
- vii. State five (05) aspects should be considered by a teacher before the adaptation for children with special educational needs.
- viii. State three (03) types of teaching and learning aids with examples.

(5 x 8 = 40 marks)

## PART - II

2. i. Illustrate Bloom's Taxonomy which could be used to formulate cognitive objective in a lesson. (06 marks)
- ii. Select a lesson that you are teaching and formulate objectives in line with the Bloom's Taxonomy to be used with average, below average and higher average students. (09 marks)
03. i. Illustrate Dale's cone of experience which could be used to provide learning experience in variety of ways. (06 marks)
- ii. Select any type of Dale's cone of experience and explain how do apply it in teaching children with special educational needs. (09 marks)
04. Suppose you are dealing with diverse needs of students in inclusive setup. Select a lesson to be taught by focusing on diverse needs of students.
- i. Formulate behavioural objectives for the particular lesson according to cognitive, affective and psychomotor domains. (06 marks)
- ii. Prepare different assessment activities by focusing classroom diversity to achieve the formulated objectives. (09 marks)
05. i. What are the objectives of questioning used by teachers through out a lesson? (06 marks)
- ii. Explain the categories of questions according to Aggrawal. (09 marks)

PART - III

06. i. Explain with examples the ways that Assistive technology can be applied in instruction to assist students with Special Needs. (07 marks)
- ii. Do you think that in Sri Lanka teachers are capable in applying above technology in the teaching learning process and investigate causes and consequences of lack of usage of technology in schools. (08 marks)
07. With the outbreak of Covid 19 pandemic more and more teachers now adapted to the online learning environment.
- i. Examine the positive and negative effects of online learning from the point of view of students with special educational needs? (08 marks)
- ii. As a teacher what are the strategies could be taken to minimize negative impacts of online learning experienced by children with special education needs. (07 marks)
08. i. State **five (05)** steps of implementing a project with problem solving? (05 marks)
- ii. Design a group project by focusing on heterogeneous group of children under following aspects (one member of the particular group should be a child with special needs).
- The problem of the group project
  - Objectives
  - Learning tasks
  - Assessment of the project.
- (10 marks)
09. i. Briefly explain the **three (03)** ways for using computer in the teaching learning process. (06 marks)
- ii. How do you use computer as an individual learning tool when teaching children with special educational needs? (09 marks)

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