

THE OPEN UNIVERSITY OF SRI LANKA
FACULTY OF EDUCATION
DEPARTMENT OF SPECIAL NEEDS EDUCATION
POSTGRADUATE DIPLOMA IN SPECIAL NEEDS EDUCATION
PROGRAMME – 2022/2023
FINAL EXAMINATION – 2023
SNP8532/SNP8442– EDUCATIONAL TECHNOLOGY FOR SPECIAL
NEEDS EDUCATION
DURATION – THREE (03) HOURS



Date: 10.12.2023

Time : 9.30 a.m. – 12.30 p.m.

INSTRUCTIONS

This question paper consists of three (03) 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

01. i) Define the terms “Educational Technology”, “technology in education” and “information Communication Technology”.
- ii) Explain **five (05)** ways that teachers can integrate assistive technology in an inclusive classroom that can be accommodate students with physical impairments.
- iii) List the stakeholders involved in developing Individualized Education Programs (IEP) for children with special educational needs
- iv) State educational values of programmed learning for children with special educational needs.
- v) Define what an Augmentative and Alternative Communication system is.
- vi) Name at least **five (05)** high-tech tools that children with Special Educational Needs can use to engage in teaching learning.
- vii) State **five (05)** factors to be considered for an effective demonstration in an inclusive classroom.
- viii) State **five (05)** reasons, why inclusive classroom teachers need to improve their competencies in the online teaching learning process in the current situation.

(5 x 8 = 40 marks)

PART - II

02. i. Discuss the factors that need to be considered when integrating technologies in the teaching learning process of students with special educational needs. (07 marks)
- ii. Explain by citing examples, how children with special needs can be facilitated using technologies in the teaching learning process. (08 marks)
03. i. Explain the role of inclusive classroom teachers in integrating new technologies in teaching learning process of students with special educational needs. (07 marks)
- ii. Describe by citing examples the advantages and disadvantages of using higher technologies in educating children with special educational needs in the Sri Lankan education system. (08 marks)
04. i. Describe the **two (02)** processes of formal methods of problem – solving. (06 marks)
- ii. Explain by citing examples, how you can effectively apply the problem-solving teaching methods with support of teaching techniques in an inclusive classroom. (09 marks)
05. i. What are the challenges faced by teachers and students with special educational needs in the teaching learning process using online platforms in Sri Lanaka. (07 marks)
- ii. Explain the role of the stakeholders in overcoming the above mentioned challenges by citing examples based on Sri Lankan education system. (08 marks)

PART - III

06. i. Select any lesson for any grade from a subject you teach. Develop three (03) specific learning objectives of the lesson in behavioural form based on the diverse needs of students accommodated in your classroom. (07 marks)
- ii. What are the strategies you will use to achieve the above mentioned objectives in the following activities of the implementation of the lesson plan.
- Teaching methods
 - Teaching techniques
 - Teacher’s activities
 - Students’ activities
- (08 marks)

07. i. Explain the significance of using learning aids when addressing the diverse needs of students with special educational needs. (06 marks)
- ii. What are the important points to be considered when preparing and using the teaching aids in an Inclusive Classroom. (09 marks)
08. i. Examine the advantages of graphic organizers in the teaching process of students with special educational needs. (07 marks)
- ii. Examine how teachers can use flashcards to develop the memory of children with special educational needs. (08 marks)
09. i. What are the advantages of the Role Play teaching technique to control the emotions of students with special educational needs in your classroom? (07 marks)
- ii. Explain the ways that teaching methods and techniques make the learning environment a more conducive place for children with diverse needs. (08 marks)

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