

Mid-West University
Examinations Management Office

End Semester Exam-2082

Level: B.Ed. / III Semester

Time: 3 hrs.

FM: 60

PM: 30

Sub: Application of Assistive Technology for Students with Disabilities (SNE435)

Candidates are requested to give their answers in their own words as far as practicable.

Attempt All the Questions.

Group 'B'

6 × 5 = 30

1. What are the fundamental concepts and key features of assistive technology? How do they contribute to enhancing the functional abilities of individuals with disabilities?
2. What are the main types of assistive technology? Illustrate with practical examples that address specific types of disabilities.
3. How can assistive technology be effectively justified as a vital educational tool to support the learning needs of students with disabilities?

Or

Discuss different types of sensory aids used for students with disabilities. How do they address specific sensory challenges?

4. Explain the concepts of ecological, practical, and ongoing assessments in the context of assistive technology. How do these assessments differ in purpose and application?
5. Discuss the types of devices for daily life in the context of assistive technology for the students with disability.
6. Illustrate the concepts and the types of reading technology as the assistive technology for the students with disability.

Or

Explain the purpose and importance of using of Assistive Technology in teaching and learning purpose for the students with disabilities.

Group 'C'

2 × 10 = 20

7. Elaborate the issues and the challenges of using assistive technology for students with disability in the context of Nepal.
8. Explain the types of 'Teaching Technology for Children with Disabilities' with examples.

Or

Discuss the role of education and learning aids as assistive technology in supporting students with disabilities and explain the types of assistive educational aids, their significance in inclusive education.

THE END

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Sub: Application of Assistive Technology for Students with Disabilities (SNE435)

Roll No.

Group 'A'

10×1=10

Tick (✓) the Best Answer.

1. What is the primary purpose of assistive technology (AT) for the students with disability?
 - a. To replace traditional teaching methods
 - b. To assist individuals with disabilities in improving their functional abilities
 - c. To entertain students in the classroom
 - d. To eliminate the need for teachers
2. Which assistive device helps students with visual impairments to access digital content?
 - a. Hearing aids
 - b. Speech-to-text software
 - c. Screen readers
 - d. Alternative keyboards
3. What is the main role of e-books and audiobooks in assistive technology?
 - a. To provide entertainment
 - b. To make books accessible for students with disabilities
 - c. To replace printed books
 - d. To reduce teachers' workload
4. Which of the followings is a principle of selecting assistive technology?
 - a. Ease of use and accessibility
 - b. Complexity of technology
 - c. Requirement of high-speed internet
 - d. High cost
5. Braille books and slates are used primarily by the students with...
 - a. Visual impairments
 - b. Cognitive impairments
 - c. Hearing impairments
 - d. Emotional disturbances
6. FM systems are mainly used for...
 - a. Improving classroom lighting
 - b. Transmitting the teacher's voice directly to a student's hearing aid
 - c. Translating text into Braille
 - d. Converting audio to text
7. The main purpose of augmentative and alternative communication (AAC) devices is to...
 - a. improve students' mathematical skills
 - b. provide verbal communication support for non-verbal individuals
 - c. assist in mobility support
 - d. enhance motor coordination
8. Talking calculators are helpful mainly for....
 - a. Increasing typing speed
 - b. Solving verbal problems
 - c. Assisting visually impaired students with math
 - d. Proofreading essays
9. Which of the following is not a core element of Independent Living?
 - a. Social inclusion
 - b. Institutional care
 - c. Economic independence
 - d. Self-determination
10. What does the concept of social inclusion promote?
 - a. Living separately from society
 - b. Institutional dependency
 - c. Home-based confinement
 - d. Equal participation in all social sectors