

**POST GRADUATE CERTIFICATE IN
INFORMATION AND ASSISTIVE
TECHNOLOGIES FOR
INSTRUCTORS OF VISUALLY
IMPAIRED (PGCIATIVI)
Term-End Examination**

June, 2025

**MVEI-012 : ASSISTIVE AND ADAPTIVE
TECHNOLOGIES**

Time : 2 Hours

Maximum Weightage : 35%

Note : (i) *All questions are compulsory.*

(ii) *All questions carry equal weightage.*

1. Answer the following question in about
600 words :

Differentiate between 'low-tech' and 'high-tech' technology. Discuss the most common technologies that falls under 'high-tech' and

used to meet the needs of students with visual impairment.

Or

What do you understand by 'website accessibility audit' ? What is in WCAG 2.0 ? Discuss.

2. Answer any *four* of the following questions in about **150** words each :
- (a) Write a short note on 'Refreshable Braille Display'.
 - (b) "Accessible design can sometimes decrease the cost." Explain the statement.
 - (c) How are 'three-dimensional raised relief plastic charts' useful ?
 - (d) Discuss important technologies that facilitate 'location awareness'.
 - (e) What is 'authoring tool accessibility guidelines' ?
 - (f) Write a short note on 'DAISY'.

3. Answer the following question in about **600** words :

“Students with visual impairment are gradually getting benefits from changes in information and communication technologies, but there exist several barriers.” Elaborate the statement by highlighting the barriers that your students are experiencing. Also suggest some strategies to overcome these barriers.

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