

No. of Printed Pages : 2

MVEI-012

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

Define 'Assistive and Adaptive Technologies'. Provide a list with brief description of traditional assistive and adaptive devices.

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[2]

Or

What are the various principles of 'Universal Design' those are applicable while designing a product or service ? Discuss.

2. Write short notes on any *four* of the following in about **150** words each :

- (a) Virtual Reality (VR)
- (b) Contribution of Deane Blazie and Ted Henter
- (c) Digital Accessible Information System
- (d) Refreshable Braille Displays
- (e) Components of Web Accessibility
- (f) Web Content Accessible Guidelines (WCAG)

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

Trace the changes in ICT and how these changes have impacted the assistive technology for persons with visual impairment. Discuss with examples from your own experience.

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