

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

Term-End Examination

December, 2024

**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 :

Highlight the contribution of any *five* pioneers who strengthened the assistive and adaptive technologies.

Or

Discuss various assistive technologies available for the persons with visual impairment for the purpose of 'reading a text'.

2. Answer any *four* of the following questions in about **150** words each :

- (a) What is 'Pragnya Sketching Device' ?
- (b) Write a short note on UNCRPD, 2006 with reference to the education of persons with visual impairment.
- (c) List basic aspects of ergonomics.
- (d) Describe the potential of having in-built accessibility.
- (e) What do you understand by 'web content accessibility guidelines' ?
- (f) Write a short note on 'screen magnifiers'.

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

“Advanced technologies have been impacting” accessibility of persons with visual impairment. Discuss the latest trends in ICT with suitable examples.

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