

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

**February, 2021**

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

*Time : 2 hours*

*Maximum Weightage : 35%*

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**Note :** *All questions are **compulsory**. All questions carry equal weightage.*

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1. Answer the following question in about 600 words :

What do you understand by Adaptive Technology ? Enlist some modern assistive and adaptive technologies for the visually impaired.

**OR**

What are the essential components of web accessibility ? Explain with reference to web and digital accessibility guidelines.

- 2.** Write short notes on any *four* of the following in about 150 words each :
- (a) Website accessibility audit
  - (b) Examples of indigenous assistive devices
  - (c) Use of low technology for meeting the needs of students with visual impairment
  - (d) Principles of Universal Design
  - (e) Different mobility devices for persons with visual impairment
  - (f) Electronic Reading Devices

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

List various barriers in teaching of persons with visual impairment. Explain how would Universal Design help in facilitating their learning.

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