

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

Term-End Examination

December, 2022

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

Time : 2 hours

Maximum Weightage : 35%

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

1. Answer the following question in about 600 words :

Discuss information and communication technologies which meet the unique needs of persons with visual impairment.

OR

What do you understand by the term 'Universal Design' ? List the principles of Universal Design.

- 2.** Write short notes on any *four* of the following in about 150 words each :
- (a) User Agent Accessibility Guidelines (UAAG)
 - (b) Text Equivalent versus Non-Text Equivalent
 - (c) Braille Embosser
 - (d) Adapted Kitchen Equipments for Persons with Visual Impairment
 - (e) Augmentative and Alternative Communication (AAC)
 - (f) Accessibility Provisions in Smart Technologies

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

Is it economically and practically feasible to include persons with visual impairment in the design process for mass market products ? Discuss with suitable examples.
