

00588

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

Term-End Examination

June, 2016

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

Time : 2 hours

Maximum Weightage : 35%

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- Note :** (i) *All questions are compulsory.*
(ii) *All questions carry equal weightage.*
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1. Answer the following question in about 600 words.

Discuss the 'Principles of Universal Design (UD)' for better accessibility in built environment, products and communications. Give suitable examples.

OR

Define Assistive and Adaptive Technologies and state the difference between them with suitable examples.

2. Answer **any four** of the following questions in about 150 words each.
- (a) Explain Geography Devices.
(b) What does PWD Act 1995 state about 'Assistive and Adaptive Technologies' ?

- (c) Explain Digital Accessible Information System (DAISY).
- (d) What are the rules of ergonomics on designing products ?
- (e) How is 'e-book' different from an 'audio-book' ?
- (f) Explain Web Content Accessibility Guidelines (WCAG).

3. Answer the following question in about 600 words.

What is 'National Knowledge Network (NKN)' ? How NKN can play a vital role in integrating the institutions working for the persons with disabilities ? Explain and suggest various ways to make NKN successful in our country.
