

00204

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

**Term-End Examination**

**June, 2015**

**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 in about 600 words :  
What is 'Universal Design (UD)' ? Discuss the principles and guidelines of UD.

**OR**

Discuss various Adaptive and Assistive Technologies for students with Visual Impairment (VI).

2. Answer any four of the following in about 150 words each :
- (a) Write any two developers' contribution to assistive and adaptive technologies.
- (b) Describe the indigenous assistive and adaptive technologies.

- (c) How does Global Positioning System (GPS) help the persons with Visual Impairment ?
- (d) Discuss the changes in Information and Communication technologies.
- (e) What are the 'User Agent Accessibility Guidelines' ?
- (f) What is 'Refreshable Braille Display' ?

3. Answer the following in about **600** words :  
What are the points to be considered while making the website accessible ? Make a list of organizations having website accessible to people with Visual Impairment.
-