

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

Term-End Examination

December, 2019

MVEI-012 : ASSISTIVE AND ADAPTIVE TECHNOLOGIES

Time : 2 hours

Maximum Weightage : 35%

- Notes : (i) All questions are compulsory.
(ii) All questions carry equal weightage.*

Answer the following question in about 600 words :

1. What is Universal Design ? Discuss the principle of the 'Universal Design'.

OR

What are the essential components of Web accessibility ? What are the guidelines for different components ? Explain.

2. Answer any four of the following in about 150 words each :
- (a) Name any two pioneers of assistive and adaptive technologies.
 - (b) What are the rules to be taken care as per ergonomics while designing products ?
 - (c) How GPS system is different from Accessible Pedestrian Signals (APS) ?
 - (d) How an e-book is different from an audiobook ?
 - (e) Write a brief note on WCAG 2.0.
 - (f) How a 'text browser' is different from a 'voice browser' ?

Answer the following question in about 600 words :

3. Make a list of assistive and adaptive technologies in India. How can you enhance the use of such technologies ? Discuss.