

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

Term-End Examination

December, 2014

00393

**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.

- (a) People with visual impairment (VI) may enhance their productivity by using modern assistive and adaptive technologies. Discuss the above statement by citing examples.

OR

- (b) Discuss the "User Agent Accessibility Guidelines" (UAAG).

2. Answer any **four** of the following in about 150 words each :

- (a) What is “Pragnya Sketching Device” ?
- (b) What are the indigenous assistive and adaptive equipments/devices for persons with visual impairment ?
- (c) Why does W3C recommend use of WCAG 2.0 instead of WCAG 1.0 ?
- (d) What is ergonomics ?
- (e) How can e-books and audio-books be used by persons with visual impairment ?
- (f) What is screen magnifier ?

3. Answer the following question in about 600 words.

Re-engineering or modification of available devices and technologies (universal design) helps people with visual impairment. Discuss the above statement with examples.
