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

Term-End Examination December, 2024

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 question in about **600** words:

Highlight the contribution of any *five* pioneers who strengthened the assistive and adaptive technologies.

Or

Discuss various assistive technologies available for the persons with visual impairment for the purpose of 'reading a text'.

- 2. Answer any *four* of the following questions in about **150** words each:
 - (a) What is 'Pragnya Sketching Device'?
 - (b) Write a short note on UNCRPD, 2006 with reference to the education of persons with visual impairment.
 - (c) List basic aspects of ergonomics.
 - (d) Describe the potential of having in-built accessibility.
 - (e) What do you understand by 'web content accessibility guidelines'?
 - (f) Write a short note on 'screen magnifiers'.
- 3. Answer the following question in about **600** words:

"Advanced technologies have been impacting" accessibility of persons with visual impairment. Discuss the latest trends in ICT with suitable examples.