

**Ph. D. IN DISTANCE EDUCATION  
(PHDDE)**

**Term-End Examination**

**June, 2025**

**RDE-103 : INFORMATION AND  
COMMUNICATION TECHNOLOGY**

*Time : 3 Hours*

*Maximum Marks : 100*

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**Note :** Attempt *all* questions.

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1. Answer any *one* of the following questions in about **1000** words : 30
  - (a) Define 'Communication'. Discuss different modes of communication used in ODL institutions.

*Or*

- (b) Explain the importance of Power Query and Pivot Tables in Excel for data analysis. List the benefits of using them for data analysis.

2. Answer any *two* of the following questions in about **400** words each : 2×20=40

- (a) Write a brief note on Digital Divide.
- (b) Critically analyse the benefits of using Open Educational Resources in education.
- (c) Analyse the merits and demerits of using online surveys as compared to traditional methods of data collection for conducting research.
- (d) Discuss the importance of Coursera and Moodle in ODL.

3. Answer the following question in about **1000** words : 30

Define 'MOOCs'. Discuss the benefits and challenges of using MOOCs for teaching-learning through distance education.

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