

# YCCE-PET- 2024 Examination Pattern

YCCE- PET-2024 examination will be conducted in YCCE campus on 10<sup>th</sup> August 2024 in online mode. All eligible candidates must present in the YCCE before one hour of scheduled time for the examination.

## **1. Pattern of Examination:**

The examination shall have maximum 100 marks and be divided in two sections viz. Section A – Research Methodology and General Aptitude and Section B – Subject Aptitude. Each section shall have maximum 50 marks and the test shall have MCQs only, carrying 1 mark each. The maximum duration of the exam for each section shall be 90 minutes. The examination for two sections shall be held on the same day with a time gap of minimum 1 Hour between two examinations. The examination shall be conducted in English language.

## **2. Syllabus for PET Examination:**

### **a) Section A – Research Methodology & General Aptitude:**

This section shall have 40 multiple choice questions from Research Methodology covering (i) Meaning and Types of research, (ii) Principles of Review of Literature (iii) Defining a research problem (iv) Research Designs (v) Preparing a Research Proposal (vi) Sampling Techniques (vii) Types of Data and Data Collection Techniques (viii) Data Analysis Tools and (ix) Referencing styles. Remaining 10 questions in this section shall test the general aptitude of the examinee for which the questions from Analytical Reasoning, Numerical Ability, Data Interpretation, Computer Awareness, and Language Competency may be asked.

### **b) Section B – Subject Aptitude**

This section shall have 50 multiple choice questions based on the curriculum prescribed for the GATE-2024 examination of the concerned research center for which candidate has applied, namely (1) Civil Engineering (2) Computer Science and Engineering (3) Electrical Engineering (4) Electronics Engineering and (5) Mechanical Engineering. The Board of Studies of the concerned subject shall be responsible for developing a suitable question bank of MCQs for this section.

