

**Sample Question Paper I**  
**Centre for Studies in Social Sciences, Calcutta**  
**Ph.D. Entrance Examination**

Time: One Hour

Full Marks: 20

All applicants must answer BOTH questions. Each question carries equal marks.

**For Applicants in Economics:**

1. Research Methodology: (10 marks)

Consider the following utility function:  $U=x+2\sqrt{y}$  with a budget constraint:  $x+y=2$ . What happens to consumption levels if the price of  $x$ , ( $P_x$ ) is doubled?

2. Discipline Specific: (10 marks)

Briefly discuss three salient points linking the recent global financial crisis and the performance of the Indian economy.