Worksheet: Index Numbers

West Bengal State Board · Class 11 · Economics · 3 questions · 13 marks

Name: _____ Date: _____ Score: _____ / 13

Q1. Calculate the Simple Aggregative Price Index for the following data (Base year 2020, Current year 2024): Item A: P€ 10, P• 12. Item B: P€ 20, P• 25. Item C: P€ 30, P• 36. *[3 marks]*

Q2. Calculate Laspeyres and Paasche Price Indexes from the following data: Item A: P€ 5, P• 6, Q€ 100, Q• 90. Item B: P€ 10, P• 12, Q€ 50, Q• 60. *[4 marks]*

Q3. Using the data: Item A: P€4, P•5, Q€60, Q•50. Item B: P€8, P•10, Q€40, Q•45. Item C: P€12, P•15, Q€30, Q•25. Calculate (a) Laspeyres Index, (b) Paasche Index, (c) Fisher's Ideal Index. State why Fisher's Index is called 'Ideal'. *[6 marks]*