# CONTRIBUTED PAPERS

# SEVENTH CONFERENCE OF LITTING TO THE SEVENTH CON

November 16-28,1970

VOLUME I ITEMS 2-5 OF AGENDA

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CENTRAL STATISTICAL
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NEW DELHI

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- 1. Report of Conference:—A technical report of the proceedings highlighting the various issues discussed at the Conference. Report is painted for circulation to delegates/observers, the national statistical Offices of the Commonwealth Countries and the general public.
- 2. Contributed Papers:—Submitted in writing to the Conference by various countries:
  - A. Papers contributed on Items 2 to 5 of the agenda (Volume I).
  - B. Papers contributed on Items 6 to 9 of the agenda and papers contributed on items of the agenda which were not discussed in the Conference (Volume II).
  - C. Papers Contributed on Items 10 to 14 of the agenda and papers contributed on items which were not discussed in the Conference (Volume III).

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OF

# COMMONWEALTH STATISTICIANS NEW DELHI, NOVEMBER 16-28, 1970 VOLUME I

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- 1. "Short term economic forecasting in the United Kingdom," Economic Irends. August 1964.
- 2. "Causal relationships considered in forecasting the balance of payments," Economic Trends, February 1967
- 3. "Economic research for short term forecasting," Economic Trends, February 1967.
- 4. "Short term forecasting of United Kingdom exports," Economic Trends, May 1967
- 5. "Short term forecasts of income, expenditure and saving," Economic Trends, February 1968.
- 6. "Control of public expenditure" (Plowden Report) Cmnd. 1432, 1961.
- 7. "Public expenditure: planning and control," Cmnd. 2915, February 1966.
- 8. "Public expenditures statistics," by P M Rees, Statistical News, February 1969.
- 9. "Public expenditure: the new presentation," Cmnd. 4017, April 1969
- 10. "Preliminary estimates of consumers' expenditure," Economic Trends, May 1969.
- 11. "The investment intentions enquiry in manufacturing industry", Economic Trends, September 1970.