Intermediate Course Study Material

Paper 8B

Economics for Finance



BOARD OF STUDIES THE INSTITUTE OF CHARTERED ACCOUNTANTS OF INDIA

This Study Material has been prepared by the faculty of the Board of Studies. The objective of the Study Material is to provide teaching material to the students to enable them to obtain knowledge in the subject. In case students need any clarification or have any suggestion for further improvement of the material contained herein, they may write to the Director of Studies.

All care has been taken to provide interpretations and discussions in a manner useful for the students. However, the Study Material has not been specifically discussed by the Council of the Institute or any of its Committees and the views expressed herein may not be taken to necessarily represent the views of the Council or any of its Committees. Permission of the Institute is essential for reproduction of any portion of this material.

© The Institute of Chartered Accountants of India

All rights reserved. No part of this book may be reproduced, stored in a retrieval system, or transmitted, in any form, or by any means, electronic, mechanical, photocopying, recording, or otherwise, without prior permission, in writing, from the publisher.

Edition : July, 2017

Website : www.icai.org

E-mail : bosnoida@icai.in

Committee/ : Board of Studies

Department

ISBN No. : 978-81-8441-890-3

Price : ₹ 150/-

Published by : The Publication Department on behalf of The Institute of

Chartered Accountants of India, ICAI Bhawan, Post Box No.

7100, Indraprastha Marg, New Delhi 110 002, India.

Printed by : Sahitya Bhawan Publications, Hospital Road, Agra -282 003

July/2017/P2117 (New)

BEFORE WE BEGIN....

Evolving Role of a CA - Shift Towards Strategic Decision Making

The traditional role of a chartered accountant restricted to accounting and auditing, has now changed substantially and there has been a marked shift towards strategic decision making and entrepreneurial roles that add value beyond traditional financial reporting. The primary factors responsible for the change are the increasing business complexities on account of a plethora of laws, borderless economies consequent to giant leap in e-commerce, emergence of new financial instruments, emphasis on corporate social responsibility, significant developments in information technology, to name a few. These factors necessitate an increase in the competence of chartered accountants to take up the role of not merely an accountant or auditor, but a global solution provider. Towards this end, the scheme of education and training is being continuously reviewed so that it is in sync with the requisites of the dynamic global business environment; the competence requirements are being continuously reviewed to enable aspiring chartered accountants to acquire the requisite professional competence to take on new roles.

Skill Requirements at Intermediate Level

At the Intermediate Level, you are expected to not only acquire professional knowledge but also the ability to apply such knowledge in problem solving. Learning outcomes which you need to demonstrate after learning each topic have been detailed in the first page of each chapter/unit. Demonstration of these learning outcomes would help you to achieve the desired level of technical competence. The process of learning should also help you inculcate the requisite professional skills, i.e., the intellectual skills and communication skills, necessary for achieving the desired professional competence.

Economics for Finance : Dynamic & Interesting

The dynamic nature of the economic variables that influence decision making at various levels necessitates a comprehensive understanding of the behavioural patterns of economic entities. Therefore, of late, the tools of Economics have gained wide application in nearly all areas of business and finance. It has thus become increasingly important that our accounting and

finance professionals be equipped with practical knowledge of the institutional framework and analytical tools of Economics to enable them to make sense of the multitude of arguments and information that emerge almost daily.

Framework of Chapters – Uniform Structure Comprising of Specific Component

The content of the course of study 'Economics for Finance' is devised by incorporating the currently relevant subject matter of Macro Economics, Public Finance, Monetary Theory and International Economics. Since this course is framed to meet the functional requirements of accounting professionals, the concepts and principles in this material are explained in a lucid and non-technical manner with appropriate illustrations from the latest available sources relating to the current economic and financial environment. The blend of theory and its contextualization with stress on clarity of exposition intend to facilitate learners to move beyond a mere understanding of the subject toward a level of analyzing and evaluating current and future developments in the economy. From a managerial perspective, this would provide coherent foresight and logical judgment and contribute towards strategic policy formulation.

The study material is organized in four chapters. Chapter 1 explains in two units the concept of National Income and its measurement and the conventional Keynesian theory of determination of national income. Chapter 2 examines the fiscal role of governments, the nature of market failures, the rationale of government interventions to correct market failures and the application of fiscal policy to ensure economic stability. Chapter 3 deals with the role of money in the financial system, its demand and supply and governments' use of monetary policy to achieve and maintain economic stability. With the objective of enlightening the students on the international economic phenomena emanating from global integration interdependence, chapter 4 is entirely devoted to International Economics. The chapter begins with a discussion on popular theories of international trade and then explores the use and welfare effects of various instruments of trade policy. Separate units discuss trade negotiations and aspects related to multilateral trade agreements and the exchange rate policies chosen by national governments and their economic effects. An entire unit is devoted to expound patterns of international capital movements and the outcomes of foreign investments.

The learning outcomes put across at the beginning of each unit help orient the learners to focus on key concepts. The end of the chapter summaries are intended to integrate the discussions in the units. The sample questions appended with each chapter, though not exhaustive in coverage, are expected to provide crucial guidelines for preparation for examinations. The glossary at the end of the book intends to provide a quick review of the major concepts to the learners.

The learners are requested to keep themselves updated on the wide-ranging changes that occur in the economic arena in view of the lack of feasibility of instantly incorporating them in the study material. Your valuable suggestions to improve the contents and /or use of pedagogical devices would be appreciated.

Happy Reading and Best Wishes!

SYLLABUS

PAPER – 8 : FINANCIAL MANAGEMENT AND ECONOMICS FOR FINANCE

(One paper – Three hours – 100 Marks)

SECTION B: ECONOMICS FOR FINANCE (MARKS: 40)

Objective:

To develop an understanding of the concepts and theories of Economics in the context of Finance and acquire the ability to address application oriented issues.

1. Determination of National Income

- (i) Macro Economic Aggregates and Measurement of National Income
- (ii) The Keynesian Theory of Determination of National Income

2. The Money Market

- (i) The Concept of Money Demand: Important Theories of Demand for Money
- (ii) The Concept of Money Supply
- (iii) Monetary Policy

3. Public Finance

- (i) Fiscal functions: An Overview.
- (ii) Market Failure
- (iii) Government Interventions to Correct Market Failure
- (iv) Fiscal Policy

4. International Trade

- (i) Theories of International Trade
- (ii) Trade Policy The Instruments of Trade Policy
- (iii) Trade Negotiations
- (iv) Exchange Rates and its economic effects
- (v) International Capital Movements: Foreign Direct Investment

CONTENTS

CHAPTER 1 – DETERMINATION OF NATIONAL INCOME

UNIT	I - National Income Accounting	1.1
1.1	Introduction	1.1
1.2	Usefulness and Significance of National Income Estimates	1.2
1.3	Different Concepts of National Income	1.4
1.4	Measurement of National Income in India	1.11
1.5	The System of Regional Accounts in India	1.18
1.6	Limitations and Challenges of National Income Computation	1.18
	Summary	1.20
UNIT	II - The Keynesian Theory of Determination of National Inco	me 1.35
2.1	Introduction	1.36
2.2.	Circular Flow in a Simple Two-Sector Model	1.36
2.3	The Aggregate Demand Function: Two-sector Model	1.38
2.4	The Two-Sector Model of National Income Determination	1.43
2.5	The Investment Multiplier	1.48
2.6	Determination of Equilibrium Income: Three Sector Model	1.51
2.7	Determination of Equilibrium Income: Four Sector Model	1.55
2.8	Conclusion	1.59
	Summary	1.60
CHAI	PTER 2 – PUBLIC FINANCE	
	I - Fiscal Functions: An Overview	
1.1	Introduction	
1.2	The Role of Government in an Economic System	2.3

1.3	The Allocation Function	2.4
1.4	Redistribution Function	2.7
1.5	Stabilization Function	2.8
1.6	Conclusion	2.10
	Summary	2.11
UNIT	II - Market Failure	2.18
2.1	Introduction	2.19
2.2	The Concept of Market Failure	2.20
2.3	Why Do Markets Fail	2.20
2.4	Public Goods	2.26
2.5	Incomplete Information	2.35
2.6	Conclusion	2.37
	Summary	2.37
UNIT	III - Government Interventions to Correct Market Failure	2.48
UNIT 3.1	III - Government Interventions to Correct Market Failure Government Intervention to Minimize Market Power	
		2.49
3.1	Government Intervention to Minimize Market Power	2.49 2.50
3.1 3.2.	Government Intervention to Minimize Market Power	2.49 2.50 2.55
3.1 3.2. 3.3	Government Intervention to Minimize Market Power	2.49 2.50 2.55 2.58
3.1 3.2. 3.3 3.4	Government Intervention to Minimize Market Power	2.49 2.50 2.55 2.58 2.61
3.1 3.2. 3.3 3.4 3.5	Government Intervention to Minimize Market Power	2.49 2.50 2.55 2.58 2.61
3.1 3.2. 3.3 3.4 3.5 3.6	Government Intervention to Minimize Market Power	2.49 2.50 2.55 2.58 2.61 2.61
3.1 3.2. 3.3 3.4 3.5 3.6 3.7	Government Intervention to Minimize Market Power	2.49 2.50 2.55 2.58 2.61 2.63 2.63
3.1 3.2. 3.3 3.4 3.5 3.6 3.7 3.8	Government Intervention to Minimize Market Power	2.49 2.50 2.55 2.61 2.61 2.63 2.64
3.1 3.2. 3.3 3.4 3.5 3.6 3.7 3.8	Government Intervention to Minimize Market Power	

4.3	Automatic Stabilizers Versus Discretionary Fiscal Policy	2.76
4.4	Instruments of Fiscal Policy	2.78
4.5	Types of Fiscal Policy	2.82
4.6	Fiscal Policy For Long-Run Economic Growth	2.87
4.7	Fiscal Policy for Reduction in Inequalities of Income and Wealth	2.88
4.8	Limitations of Fiscal Policy	2.89
4.9	Conclusion	2.92
	Summary	2.92
CHA	PTER 3 – MONEY MARKET	3.1
UNIT	I - The Concept of Money Demand : Important Theories	3.1
1.1	Introduction	3.2
1.2	Functions of Money	3.3
1.3	The Demand for Money	3.5
1.4	Theories of Demand for Money	3.6
1.5	Post-Keynesian Developments in the Theory of Demand for Money	3.13
1.6	Conclusion	3.16
	Summary	3.17
UNIT	II - The Concept of Money Supply	3.26
2.1.	Introduction	3.27
2.2	Rationale of Measuring Money Supply	3.28
2.3	The Sources of Money Supply	3.28
2.4	Measurement of Money Supply	3.29
2.5	Determinants of Money Supply	3.32
2.6	The Concept of Money Multiplier	3.32

2.7	The Money Multiplier Approach to Supply of Money	3.33
2.8	Effect of Government Expenditure on Money Supply	3.36
	Summary	3.38
UNIT	III - Monetary Policy	3.50
3.1.	Introduction	3.51
3.2	Monetary Policy Defined	3.51
3.3	The Monetary Policy Framework	3.51
3.4	The Organisational Structure for Monetary Policy Decisions	3.62
3.5	Conclusion	3.64
	Summary	3.64
СНА	PTER 4 – INTERNATIONAL TRADE	
UNIT	T I - Theories of International Trade	4.1
1.1	Introduction	4.2
1.2	Important Theories of International Trade	4.5
	Summary	4.16
UNIT	II - The Instruments of Trade Policy	4.26
2.1	Introduction	4.27
2.2.	Tariffs	4.28
2.3	Non -Tariff Measures (NTMs)	4.33
2.4	Export-Related Measures	4.39
	Summary	4.40
UNIT	III - Trade Negotiations	4.50
3.1	Introduction	4.51
3.2.	Taxonomy of Regional Trade Agreements (RTAs)	4.51
3.3	The General Agreement on Tariffs and Trade (GATT)	4.52
3.4	The Uruguay Round and the Establishment of WTO	4.54

3.5	The World Trade Organization (WTO)	4.54
3.6	The Doha Round	4.61
3.7	The WTO: A Few Concerns	4.62
	Summary	4.64
UNIT	IV - Exchange Rate and Its Economic Effects	4.73
4.1	Introduction	4.73
4.2	The Exchange Rate	4.74
4.3	The Exchange Rate Regimes	4.75
4.4	Nominal Versus Real Exchange Rates	4.79
4.5	The Foreign Exchange Market	4.80
4.6	Determination of Nominal Exchange Rate	4.82
4.7	Changes in Exchange Rates	4.83
4.8	Devaluation (Revaluation) Vs Depreciation (Appreciation)	4.86
4.9	Impacts of Exchange Rate Fluctuations on Domestic Econom	y4.86
	Summary	4.92
UNIT	V - International Capital Movements	4.103
5.1	Introduction	4.103
5.2	Types of Foreign Capital	4.104
5.3	Foreign Direct Investment (FDI)	4.105
5.4	Foreign Portfolio Investment (FPI)	4.106
5.5	Reasons for Foreign Direct Investment	4.108
5.6	Modes of Foreign Direct Investment (FDI)	4.111
5.7	Benefits of Foreign Direct Investment	4.112
5.8	Potential Problems Associated with Foreign Direct Invest	tment 4.114
5.9	Foreign Direct Investment in India (FDI)	4.117
5.10	Overseas Direct Investment by Indian Companies	4.119
	Summary	4.120
GLOS	SARY	I.1 - I.21