



**SYMBIOSIS**  
INTERNATIONAL UNIVERSITY

**Ph.D. Entrance Test 2017**  
**Faculty of Humanities & Social Sciences**  
**Syllabus & Questions for Entrance Test**

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❖ **International Studies-**

**I. Core Disciplines:** International Relations /Area Studies/ Interrelated Disciplines (Law, Economics, Political Science, History, Environment)

**II. Focus Areas:** International Politics; Foreign Policy; Defense and Security; International Organization; Diplomacy and Negotiations; Conflict and Peace; Human Rights; International Law; Global Political Economy; Development and Cooperation; Energy and Environment; **Area Studies-** Asia/ Africa/ Europe and North America (subject to availability of experts)

**V. Indicative topics for Subject- specific component of the Entrance test: (MCQ worth 50 marks)**

Following is a broad outline of the topics to be covered: (cross cuts international relations, international political economy, international law and environment)

1. Current affairs of international importance
2. Key issues and events ( year/ parties involved/ reasons/ outcomes)
3. Key concepts e.g. – Iron Curtain; Détente; Democratic Peace and so on
4. Key thinkers and theories
5. Major ideas and ideologies
6. Classic and prominent authors / books
7. Major treaties and agreements e.g. - Treaty of Wismar (1636);Framework Convention on Climate Change (UNFCCC)
8. Capitals / Leaders of countries
9. Acronyms e.g. – GATT/ NAFTA and so on
10. International Organizations ( names/ roles/ functions)



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**Sample Questions**

**Choose the correct option:**

*1. Realists believe that:*

- A. States are the most important actors in IR.
- B. The international system is anarchical.
- C. States act like rational individuals in pursuing national interests.
- D. All of the above

*2. Which of the following is NOT a force promoting globalization?*

- A. Improved communication technology
- B. Economic protectionism
- C. Increased ease of transportation
- D. Expansion of interstate trade ties.

*3. UNO was formed in:*

- A. 1944
- B. 1945
- C. 1946
- D. None of these



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4. *UN Secretary General Ban Qi Moon is from:*

- A. Burma
- B. Mauritius
- C. South Korea
- D. None of these

5. *IMF stands for:*

- A. International Marketing Forum
- B. International Monetary Fund
- C. International Movement of Futuristic
- D. International Monetary Fund

6. The book "1984" was written by:

- A. Burke
- B. Orwell
- C. Carr
- D. Orwell



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❖ **ECONOMICS**

**Topic I- Micro Economic Analysis**

Demand Analysis – Marshallian, Hicksian and Revealed Preference Approaches, Duality theory - indirect utility function - Roy's identity, expenditure function –proof of key results of duality theory, Slutsky Equation, Theory of Production and Costs, Pricing and output under different forms of market structure, Different models of objectives of the firm – Baumol, Morris & Williamson, Factory-Pricing, General Equilibrium & Welfare Economics.

**References:**

Koutsoyiannis, A. *Modern microeconomics*  
Varian, Hal R. *Intermediate Microeconomics: A Modern Approach*

**Topic II- Macroeconomics**

National Income Accounting, Classical Economics and The Keynesian Revolution, Macroeconomic Theory After Keynes- The Monetarist Counter-Revolution, Output, Inflation, and Unemployment: Alternative Views – the natural rate theory, monetary policy, output and inflation: a Monetarist view, the Keynesian view of output inflation trade-off , evolution of the natural concept: natural rate of unemployment and Open Economy Macroeconomics- Economic Policy.

**References:**

Dornbusch, Fischer and Startz, *Macroeconomics*, 11e  
Froyen, Richard T. *Macroeconomics*. 9th. Prentice Hall, 2008.  
Mankiw, N Gregory. *Macroeconomics*. 7th. Worth Publishers.

**Topic III - Development Economics**

Economic and human development: indicators and measurement issues, theories of economic growth, Classical theory of development (Adam Smith, Karl Marx), Partial theories of growth and development, historical experience of development, approaches to human development, poverty and inequality: theories and measurement issues, poverty alleviation programmes, population and growth theories, development and human capital, environment and sustainable development, rural-urban divide, foreign aid and development, role of international agencies in development goals



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**Reference:**

Debraj Ray. Development Economics  
A.P. Thirlwall - Economics of Development

**Topic IV- Public Economics**

The Economic Basis of Government Activity and Evaluation of Public Economic-Policies- Government as a tool for operationalizing the planning process; private goods, public goods, and merit goods; Market failure — imperfections, decreasing costs, externalities, public goods, Institutions and Governance, Public Expenditures, Taxation and Public Debt- The Theory of Public Expenditure and theories of Taxation, Classical view of public debt and Budgeting Fiscal Policies.

**Reference:**

R.A. Musgrave and P.B. Musgrave , Public Finance in Theory and Practice, 5th Edition  
Joseph E. Stiglitz, Economics of the Public Sector, 3rd Edition, Chapter 4.  
John Cullis and Philip Jones (1998), Public Finance and Public Choice, Chapter 3 ‘

**Topic V- International Trade**

The classical (Ricardo-Torrens) theory of comparative costs, The neoclassical theory of international trade, The Heckscher-Ohlin Model- Leontief's paradox and other empirical studies - Armington Elasticities -The Stolper-Samuelson theorem - Rybczynski's theorem and the Reverse Rybczynski's theorem, Dutch Disease, International trade and economic growth- Growth and terms of trade; immiserizing growth-The large country and the terms of trade- The "new" theories of international trade, The Effects of Trade Policies, Regional trade Blocks – WTO & India.

**References:**

Salvatore, D. International Economics, John Wiley and Sons  
Krugman, P. International Economics

**Topic VI- Indian Economy**

Nature and Characteristics of Indian economy, Planning in India: Indian five year plans: Objectives, strategies, problems of poverty, unemployment, migration, inflation & environment –



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Agriculture and Industrial sector in India- Industrial policy; Public sector enterprises and their performance, Economic reforms in India – India on the eve of economic reforms-objectives, nature & structures of economic reforms – impact of economic reforms; Key Economic Indicators of India

**References:**

Puri, V. K.; Misra, S. K. (2016) *Indian Economy*. Himalaya Publishing House  
Ministry of Finance (2017) *Economic Survey 2016-17*

**Topic VII- Statistics**

Measures of Central Tendency (Mean, Median, and Mode) and Dispersion (Range and Interquartile Range; Variance, standard deviation; Coefficient of Variation, Skewness & Kurtosis); Chebyshev's Theorem and the Empirical Rule; Types of Distribution (The Normal Distribution; the Standard Normal Distribution,  $t$  distribution) .

Sampling: Population moments and their sample counterparts for e.g. standard error; Types of Sampling: Probability & Non-probability; Types of Sampling Designs; Hypothesis Testing Basics (Error Types, Hypotheses); Regression and Correlation (assumptions and concepts)

**References :**

S.P. Gupta. *Statistical Methods*. (Any edition)



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**Sample Multiple Choice Question**

1. When the price of a giffen good declines –
  - a) Income effect is negative while substitution effect is positive
  - b) Income effect is zero while substitution effect is negative
  - c) Both income and substitution effects are positive
  - d) Both income and substitution effects are negative
  
2. Price discrimination is possible with
  - a) Perfect Competition
  - b) Monopoly
  - c) Monopolistic Competition
  - d) All the above
  
3. An individual's supply curve of labour will bend backward when
  - a) The income effect of a higher wage and the demand for leisure is greater than the Substitution effect
  - b) The substitution effect of higher wage is greater than the income effect
  - c) The income and substitution effects of a higher wage reinforce each other
  - d) Leisure is a giffen good.
  
4. Coefficient of correlation will be always
  - a) More than 0
  - b) More than 0 but less than 1
  - c) More than 1 but less than 10
  - d) Between -1 and + 1
  
5. Revenue maximization principle is identified with
  - a) Baumol
  - b) Marris
  - c) Cyert
  - d) Keynes



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6. Keynesian Economics mostly deals with
- Monetary Policy
  - Fiscal Policy
  - Inflation targeting
  - Trade promotion
7. Methods of measuring national income:
- Value added method
  - Income method
  - Expenditure method
  - All the above
8. In Rostow's theory, the drive to maturity
- Starts the development process
  - Completes the development process
  - Comes before the take-off
  - Follows the take-off
9. In the long-run the growth rate of money demand equals the sum of the growth rates of (A) \_\_\_\_\_ and (B) \_\_\_\_\_.
- A: the money supply; B: inflation
  - A: the money supply; B: GDP growth
  - A: inflation; B: GDP growth
  - A: inflation; B: the effective exchange rate
10. 'Sustainable Development Goals' were formulated by
- World Bank
  - United Nations
  - Asian Development Bank
  - International Monetary Fund





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11. When summarizing heavily skewed data, the best measure of central tendency is:
- a. median
  - b. mean
  - c. mode
  - d. standard deviation