

CENTRAL UNIVERSITY OF HARYANA

End Semester Examinations June 2022

Programme: M.A. Economics

Session: 2021-22

Semester: I

Max. Time: 3 Hours

Course Title: Indian Economy

Max. Marks: 70

Course Code: SAHS ECO 01 102 GE 3104

Instructions:

1. Question no. 1 has seven parts and students need to answer any four. Each part carries three and half Marks.
2. Question no. 2 to 5 have three parts and student needs to answer any two parts of each question. Each part carries seven marks.

Q 1. Attempt only four questions out of seven.

(4X3.5=14)

- a) State the meaning of economic planning?
- b) What do you understand by deficit finance?
- c) What is the meaning of zero budgeting?
- d) Differentiate between absolute poverty and relative poverty?
- e) Define demonetization.
- f) What is the definition of Balance of Payments?
- g) Define the concept of disinvestment.

Q 2.

(2X7=14)

- a) Examine if the secular upward trend in Growth is associated with upward trend in savings and investment? What in your opinion may be the reasons behind growth performance across Indian states being uniform before 1980s and diverging after 1980s?
- b) Analyze the macroeconomic developments in India since 2007-08. Discuss the key policy challenges for achieving high growth of Indian economy?
- c) Critically examine the performance of Indian economy since economic reforms?

Q3.

(2X7=14)

- a. Discuss the key policy issues for achieving more inclusive, faster and sustainable agricultural growth in India?
- b. "India should adopt a services-cum-manufacturing rather than a services-versus-manufacturing approach, where the two-way linkages between the sectors are strengthened". Discuss.
- c. The nature of economic growth and who benefits from it remains a core development issue? Discuss in the light of public distribution system in India.

Q 4.

(2X7=14)

- a) Examine the industrial performance in India since 1991. Do you think that economic reforms have delivered expected results in promoting faster output and employment growth in India? Discuss.
- b) In what way cottage industries are different from small scale industries? Discuss their problems and performance in recent times?
- c) "There is certainly no clear superiority of private vis-à-vis public ownership from the standpoint of economic theory; it is rather degree of competition which matters". Discuss.

Q 5.

(2X7=14)

- a) Discuss the evolution of the quality of Indian exports and its comparison with peers. List and review the areas that need intervention if Indian exports are to become more competitive globally.
- b) Discuss, in some detail, how the unprecedented heavy inflow of foreign capital was tackled by India in the period 2003-08. In this context, briefly discuss the use of 'managed float' by RBI.
- c) What do you understand by foreign trade? Explain the direction and volume of trade in India?

CENTRAL UNIVERSITY OF HARYANA

End Semester Examinations June 2022

Programme: M.A. Economics

Session: 2021-22

Semester: IV

Max. Time: 3 Hours

Course Title: International Economics-II

Max. Marks: 70

Course Code: SAHS ECO 01 401 C 3104

Instructions:

1. Question no. 1 has seven parts and students need to answer any four. Each part carries three and half Marks.
2. Question no. 2 to 5 have three parts and student needs to answer any two parts of each question. Each part carries seven marks.

Q 1. Attempt only four questions out of seven. (4X3.5=14)

- a) What do you understand by economic integration?
- b) Define Balance of Payments?
- c) What do you understand by currency swapping?
- d) Differentiate between forward and future exchange rates?
- e) What is meant by special drawing rights?
- f) Define terms of trade? Name the most important terms of trade in case of developing economy?
- g) State the two advantages and disadvantages of Export based Industrialization?

Q 2. (2X7=14)

- a) What is meant by trade diversion? What static welfare effects will a trade-diverting customs union have on member nations and on the rest of world?
- b) What is export instability? What are the alleged causes and effects of export instability on economic development? Explain it with the help of diagram?
- c) Explain the importance of trade as an engine of growth? What contributions trade makes in economic development of an economy?

Q3. (2X7=14)

- a) What are the four different levels of participants in foreign exchange markets? What are the other functions of foreign exchange markets?

- b) What is purchasing power parity theory? What are its uses?
- c) How does the monetary approach explain the process by which balance of payments disequilibrium is corrected under a flexible exchange rate system?

Q 4. (2X7=14)

- a) How is equilibrium level of national income determined in a closed economy? How is the size of the closed economy multiplier (k) determined?
- b) Critically examine the Marshall-Lerner condition for a stable and unstable foreign exchange market?
- c) Explain the IS-LM-BP model with flexible exchange rate and imperfect capital mobility?

Q 5. (2X7=14)

- a) What are the characteristics of a good international monetary system? How can an international monetary system be evaluated?
- b) What type of international monetary system operated from 1920 to 1924? What happened between 1925 and 1931?
- c) Differentiate between the role and functions of World Bank and International Monetary System?

CENTRAL UNIVERSITY OF HARYANA

End Semester Examinations June 2022 [REAPPEAR]

Programme: M A ECONOMMICS

Session: 2021-22

Semester: FIRST [REAPPEAR]

Max. Time: 3 Hours

Course Title: MACROECONOMIC THEORY-I

Max. Marks: 70

Course Code: SAHS ECO 01 102 C 3104

Instructions:

1. Question no. 1 has seven parts and students need to answer any four. Each part carries three and half Marks.
2. Question no. 2 to 5 have three parts and student need to answer any two parts of each question. Each part carries seven marks.
3. Use of one SIMPLE Calculator Only is allowed.

Q 1. Answer the following questions in short: -

(4X3.5=14)

- a) What are the difficulties faced by developing economies like India in estimating national income?
- b) Can GDP be lesser than GNP for any economy? Why?
- c) According to the classical model, what will be the effect of expansionary monetary policy on equilibrium national income of an economy?
- d) Show that $MPS + MPC = 1$.
- e) What is ratchet effect?
- f) What do you mean by consumption function puzzle ?
- g) What is business cycle? Write any two key features of it.

Q 2.

(2X7=14)

- a) Define national income. Discuss various methods of measurement/estimation of national income?
- b) Write short notes on-
 - i) CPI
 - ii) GNP Deflator
- c) Calculate national income for a country from the following data-

<u>Items</u>	<u>Rs. in Crore</u>
Receipts of factor income from abroad	200
Payment of factor income to abroad	205
Exports	10
Imports	15

Private final consumption expenditure	300
Government's final consumption expenditure	50
Subsidies	20
Gross domestic fixed capital formation	100
Indirect Taxes	70
Consumption of the fixed capital	50
Net addition to stock	20

Q3. (2X7=14)

- Explain critically classical model of income and employment. Also discuss Keynes critique of classical model of income and employment.
- Explain Keynes's model of income determination in a four-sector economy with suitable diagramme.

c) Consider the following data in an economy and find equilibrium income and value of multiplier. -

Consumption,	$C = 100 + 0.8Y_d$
Investment,	$I = 50$
Government Expenditure,	$G = 200$
Transfer Payments,	$TR = 100$
Tax,	$t = 0.2Y$

Q 4. (2X7=14)

- Explain critically the permanent income theory of consumption.
- Explain critically the life cycle hypothesis of consumption.
- Differentiate between marginal efficiency of capital (MEC) and marginal efficiency of investment (MEI).

Q 5. (2X7=14)

- Examine critically Hicks model of trade of cycles.
- Examine critically Kaldor model of trade of cycles.
- Write short notes on-
 - Super Multiplier
 - Time horizon in Macroeconomics

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CENTRAL UNIVERSITY OF HARYANA

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CENTRAL UNIVERSITY OF HARYANA

End Semester Exams (Reappear), June- 2022

Programme : B.Voc. Biomedical Sciences
Semester : 5th Semester
Paper Name : Molecular Biology
Paper Code : BMS-502

Max Marks : 50
Max Time : 3 hrs

Attempt all 5 questions. Each question carries 10 marks.

Q1. Fill in the blanks. Attempt any ten. (10 marks)

- (i)is a genetic material in the eukaryotic cell.
- (ii) is the main DNA replicating enzyme in eukaryotes.
- (iii) Genetic code consist of..... nucleotides.
- (iv) Coding sequence of DNA is called.....
- (v) The process by which protein are synthesized is called.....
- (vi) Noncoding part of DNA is called.....
- (vii) Protein synthesis take place in.....
- (viii) DNA Replication take place in..... direction.
- (ix) Protein are joined by.....bonds.
- (x) The process by mRNA is synthesized is called.....
- (xi),....., and..... are three stop codon.
- (xii) TBP protein binds at..... Box of promoter

Q2. Explain the role of following: (10 marks)

- (i) DNA polymerase
- (ii) RNA polymerase
- (iii) Ribosome binding site(RBS)
- (iv) Promoter
- (v) Splicing

Or

Describe Griffith's experiment to support that DNA is genetic material. (10 marks)

Q3. Describe briefly DNA replication in prokaryotes. (10 marks)

Or

Describe briefly the process of the alternate splicing. (10 marks)

Q4. Describe the process of 5' capping of mRNA (10 marks).

Or

Describe the process of 3' tailing of mRNA. (10 marks)

Q5 Describe Lactose operon (10 marks)

Or

Describe Tryptophan operon. (10 marks)

CENTRAL UNIVERSITY OF HARYANA

Jant-Pali, Mahendergarh, Haryana

Name of Programme	:	M.A. Economics
Year & Semester	:	2022 & 4th
Course Name	:	Research Methodology
Course Code	:	SAHS ECO 01 405 DCEC 3104
Duration	:	3 Hours
Maximum Marks	:	70

Instructions:

Question no. 1 has seven parts and students are required to answer any four. Each part carries three and half Marks.

Question no. 2 to 5 has three parts and student is required to answer any two parts of each question. Each part carries seven marks.

1. **Attempt any four questions (3.5 marks each)**
 - a. What is sample size? How to determine an optimal sample size?
 - b. What is sampling? Explain multistage sampling.
 - c. What is histogram? State with an example.
 - d. Differentiate between parametric and non parametric tests.
 - e. What is ANOVA?
 - f. What is Cluster Analysis?
 - g. State any two objectives of the research.

2.
 - a. What is hypothesis? State the characteristics of research hypothesis. (2x7)
 - b. Write a note on research methods and research methodology.
 - c. What is review of literature? Also discuss the significance of review of literature in research.

3.
 - a. What do you mean by research design? Discuss the importance of research design in effective research. (2x7)
 - b. Discuss the types and characteristics of sample design.
 - c. Differentiate between random and non random sampling. Discuss their advantages and disadvantages.

4.
 - a. Differentiate between primary and secondary data. Discuss their advantages and disadvantages. (2x7)
 - b. Write a note on databases of Indian Economy.
 - c. What is statistical hypothesis testing? Discuss type-I and type-II errors.

5.
 - a. Write a note multivariate analysis techniques. (2x7)
 - b. What is report writing? Discuss the guidelines of effective report writing.
 - c. Write a note on multidimensional scaling.

