

SESSIONAL EXAMINATION, 2023
B. A. 2ND SEMESTER
WEST GOALPARA COLLEGE

SUBJECT: ECONOMICS (HONORSE COURSE)

PAPER: ECO.HC-2026

FULL MARKS: 30

TIMES: 1 HRS

(The figures in margin indicate full marks for the questions)

1. Answer the following questions (Any Three) 2x3 = 6
- a) Define row matrix and column matrix with example.
- b) What do you mean by Null matrix?
- c) If $Y = \frac{1}{X^6}$, Find out Integration.
- d) If $A = \begin{bmatrix} 1 & 2 \\ 1 & 2 \end{bmatrix}$ and $B = \begin{bmatrix} 0 & 2 \\ 1 & 0 \end{bmatrix}$ Find AB.

2. If $A = \begin{bmatrix} 2 & 3 & 5 \\ 4 & 2 & 6 \\ 1 & 0 & 3 \end{bmatrix}$ 3×3 and $B = \begin{bmatrix} 1 & 2 & 5 \\ 9 & 8 & 3 \\ 4 & 3 & 6 \end{bmatrix}$ 3×3 , 4
- Find A + B

3. If $A = \begin{bmatrix} 2 & 3 & 1 \\ 1 & 0 & 1 \\ 2 & 3 & 0 \end{bmatrix}$ and $B = \begin{bmatrix} 1 & 0 & 0 \\ 0 & 1 & 0 \\ 0 & 0 & 1 \end{bmatrix}$ 6

Prove that $AI = A$

4. Find the determinants of $A = \begin{bmatrix} 3 & 2 & 1 \\ 1 & 0 & 6 \\ 2 & 1 & 3 \end{bmatrix}$ 4

5. From the given Cobb- Douglas Production Function $Q = 3\sqrt{KL}$, where L and K are Labour and Capital employee respectively. Show whether the function satisfies Eulers' theorem. 10

OR

A monopolist discriminate prices between two markets where his average revenue functions are

10

$$P_1 = 180 - 15Q_1$$

$$P_2 = 280 - 20Q_2$$

And his total cost function is $TC = 150 + 120Q$ where $Q = Q_1 + Q_2$, Find profit maximizing outputs for the two markets.

SESSIONAL EXAMINATION, 2023
B.A. 4th SEMESTER
WEST GOALPARA COLLEGE

SUBJECT: ECONOMICS (HONORSE COURSE)

PAPER: ECO.HC-4036

FULL MARKS: 30

TIMES: 1 HRS

(The figures in margin indicate full marks for the questions)

1. Define estimator and estimate. 2
2. Mention Two types of error in testing hypothesis 2
3. What do you mean by statistical hypothesis? 2
4. Distinguish between point estimation and Interval estimation. 4
5. Discuss the properties of a good estimator. 5
6. If a random variable X is normally distributed with mean and standard deviation are 12 and 4 respectively ,find out the probability of the following:
 $i) X \geq 20$ $ii) X \leq 20$ $iii) 0 \leq X \leq 10$ 7
7. Explain the properties of χ^2 distribution. 8

OR

Explain the properties of Normal Distribution. 8

SESSIONAL EXAMINATION, 2023
B.A. 6th SEMESTER
WEST GOALPARA COLLEGE

SUBJECT: ECONOMICS (HONORSE COURSE)

PAPER: ECO.HC-60

FULL MARKS: 30

TIMES: 1 HRS

(The figures in margin indicate full marks for the questions)

- 1. What do you mean by the balanced regional development? 2**
- 2. What do you mean by sex ratio? 2**
- 3. What do you mean by density of population? 2**
- 4. Explain the Impact of rapid growth of population in Assam. 5**
- 5. Explain the causes of High Rate of growth of population in Assam. 5**
- 6. Explain the various factors responsible for Economic development in Assam. 5**
- 7. Write a short note on infrastructure development in Assam during the periods of Pre- independence. 8**

OR

- Explain the role and importance of Agriculture in Assam Economy. 8**



SESSIONAL EXAMINATION, 2023
B.A. 4th SEMESTER
WEST GOALPARA COLLEGE

SUBJECT: ECONOMICS (HONORSE COURSE)

PAPER: ECO.HC-4026

FULL MARKS: 30

TIMES: 1 HRS

(The figures in margin indicate full marks for the questions)

1. Answer the following questions. 1x 4 = 4
 - a) Define consumption function.
 - b) What is MPC?
 - c) Mentioned on factor which affects propensity to consume.
 - d) What is investment?

2. Answer the following questions. 2 x3 = 6
 - a) What is meant by monetary policy?
 - b) What is effective demand?
 - c) What is MEC (Marginal efficiency of capital)?

3. Answer the following questions. 2 x 5 = 10
 - a) Explain say's law of markets.
 - b) Write the assumption of classical theory of employment.
 - c) What are the main factors that influence the consumption function?

4. Answer any one of the following questions. 1 x 10 = 10
 - a) Explain the Keynes theory of Employment.
 - b) Write the Classical theory of employment with assumptions.

SESSIONAL EXAMINATION, 2023
B.A. 4th SEMESTER
WEST GOALPARA COLLEGE

SUBJECT: ECONOMICS (HONORSE COURSE)

PAPER: ECO.HC-4016 (Intermediate Macro Economics-II)

FULL MARKS: 30

TIMES: 1 HRS

(The figures in margin indicate full marks for the questions)

1. Answer the following questions. 1x 4 = 4
 - a) What is Equilibrium?
 - b) What is Monopoly?
 - c) What is Public Goods?
 - d) Define private goods.

 2. Answer the following questions. 2 x3 = 6
 - a) Define pure exchange model.
 - b) What is production possibility frontier?
 - c) What is market failure?

 3. Answer the following questions (Any two). 2 x 5 = 10
 - a) Explain the main causes of market failure.
 - b) Distinction between Public Goods and Private Goods.
 - c) What is Price Discrimination? Explain the essential conditions for Price Discrimination?

 4. Answer any one of the following questions. 1 x 10 = 10
 - a) What is monopoly? What are the main features of Monopoly? Explain.
 - b) Define monopolistic competition. Explain the main features of monopolistic competition.
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SESSIONAL EXAMINATION, 2023

B.A. 2th SEMESTER

WEST GOALPARA COLLEGE

SUBJECT: ECONOMICS (Regular Course)

PAPER: ECO.RC-2016

FULL MARKS: 20

TIMES: 1 HRS

(The figures in margin indicate full marks for the questions)

- 1. Answer the following questions. 1x 4=4**
 - a) What do you mean by monopoly market?**
 - b) Mention one difference between Monopoly market and monopolistic market.**
 - c) What is the normal shape of Supply curve?**
 - d) Mentioned one features of Monopoly.**
- 2. What do you mean by Oligopoly market? 2**
- 3. Distinguish between perfect competitive market and monopoly market. 4**
- 4. Explain how price and output are determined under price discriminating monopoly. 10**

OR

Explain the short-run and long run price determination under monopoly market. 10

(The figures in the margin indicate full marks for the questions)

1. Answer the following questions 1x4=4
 - a) What is National Income ?
 - b) Define G.D.P.
 - c) Mention one quality of good money.
 - d) What is Inflation ?
2. Answer the following 2x3=6
 - a) Explain the Concept of Disposable Income.
 - b) Distinguish between inflation and deflation.
 - c) Write two defects of barter System.
3. Answer any two of the following questions 2x5=10
 - a) “ Supply Creates its Own Demand ”. Explain
 - b) Explain the Income Method of National Income Computation.
 - c) Describe the qualities of good money.
4. Answer any one of the following questions. 1x10=10
 - a) Explain the Keynesian theory of Employment.
 - b) Discuss the effects of Inflation on
 - i) Production
 - ii) Distribution.

SESSIONAL EXAMINATION – 2023
B. A 6th SEMESTER
SUB: ECONOMICS (HONOURS)
PAPER: ECO-HC-6016 (INDIAN ECONOMICS)
FULL MARKS: 30 TIME: 1 (ONE) HOUR

(The figures in the margin indicate full marks for the questions)

1. Answer the following questions 1x4=4
 - a) Mention one source of revenue.
 - b) What is direct tax?
 - c) Mention one land tenure system in India.
 - d) What is Green Revolution?
2. Answer the following questions 2x3=6
 - a) What do you mean by land reforms ?
 - b) Write two defects of agricultural Marketing.
 - c) Define cottage industry.
3. Answer any two of the following questions 2x5=10
 - a) Explain the following
 - i) Revenue Account
 - ii) Capital Account
 - b) Write down the main objectives of Indian monetary policy
 - c) Explain the effects of Green Revolution in India.
4. Answer any one of the following. 1x10=10
 - a) Analyse the factors responsible for low level of productivity in Indian Agriculture.
 - b) Discuss the role of Industry in Indian economy.

SESSIONAL EXAMINATION – 2023
B. A 6th SEMESTER
SUB: ECONOMICS (HONOURS)
PAPER: ECO-HC-6016 (IDEVELOPMENT ECONOMICS)
FULL MARKS: 30 TIME: 1 (ONE) HOUR

(The figures in the margin indicate full marks for the questions)

1. Answer the following questions 1x4=4
 - a) How many stages are in Demographic Transition Theory?
 - b) What is called positive check in population control?
 - c) What is Geometric Rate?
 - d) Define preventive check.
2. Answer the following questions 2x3=6
 - a) What do you mean by Globalization?
 - b) Mention two sources of agricultural credit.
 - c) Define the term 'Sustainable development' .
- 3) Answer any two of the following 2x5=10
 - a) Negative effects of population growth.
 - b) Benefits of population growth.
 - c) Malthusian theory of population.
4. Answer any one question of the following 1x10=10
 - a) Discuss the role of agriculture in economic development.
 - b) Briefly trace the growth of Globalization as a phenomenon in the 20th century.

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SESSIONAL EXAMINATION – 2023
B. A 6th SEMESTER
SUB: ECONOMICS (HONOURS)
PAPER: ECO-HC-6016 (INTERNATIONAL ECONOMICS)
FULL MARKS: 30 TIME: 1 (ONE) HOUR

(The figures in the margin indicate full marks for the questions)

1. Answer the following questions 1x4=4
 - a) Define Internal trade.
 - b) What is International trade?
 - c) Who has propounded the comparative cost theory?
 - d) Define terms of trade.
2. Answer the following question 2x3=6
 - a) What is factor mobility ?
 - b) Gains from International Trade .
 - c) Income terms of trade.
3. Answer any two of the following 2x5=10
 - a) Distinguish between internal trade and international trade.
 - b) Explain Net barter terms of Trade.
 - c) Gross barter terms of trade.
4. Answer any one of the following 1x10=10
 - a) Explain Ricardo's Comparative Cost Theory of international trade.
 - b) What do you understand by terms of trade? Explain fully the factors which influence the terms of trade of a country.

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