

Home Assignment
Semester II (Arts) Honours
Ec-Hc-2016
Introductory Macroeconomics

F.M = 20

I Answer the following: $5 \times 4 = 20$

- (a) Discuss the social costs of inflation
- (b) What are the tools of monetary policy? Discuss.
- (c) Critically examine quantity theory of money given by Fisher.
- (d) Write the functions of money.

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Home Assignment (May, 2020)

Sem II, Arts

Economics (Honours)

Marks: 20.

Paper: HC-2026, Mathematical Methods in Economics.

1. (a) Define a differential equation: 1

(b) Find the order of the differential equations. 1

(i) $\frac{dy}{dx} = 2x$ (ii) $\frac{d^2y}{dx^2} = -my$

(c) Find the degree of the differential equations. 1

(i) $\left[1 + \left(\frac{dy}{dx}\right)^2\right]^3 = p^2 \left(\frac{d^2y}{dx^2}\right)^2$

(ii) $\frac{d^2y}{dx^2} = -my$

(d) Form the differential equation by eliminating 'm' if $y = mx$. 3

2. Solve by using matrix inversion method.

$$x - 2y + z = 2$$

$$3x + y + 2z = 3$$

$$-x + 3y - z = 4$$

3. Consider the following NI model.

$$Y = C + I + G$$

$$C = \alpha + \beta(Y - T)$$

$$T = \gamma + \delta Y$$

Find equilibrium national income \bar{Y} . Analyse the effect of changes in β and δ on equilibrium income. Give economic interpretations. 3+4+3

Home Assignment
Subject : Economics (Generic)
Class : B. A. Sem 2
Paper : Eco - H.G. - 2016
(Micro economic theory)

Question : What is monopolistic competition?
What are its main characteristics? Explain
with the help of diagram the long run
equilibrium of a firm under
monopolistic competition.

একচেটিয়াধর্মী - বজাৰ কি? ইয়াৰ প্ৰধান
বৈশিষ্ট্যসমূহ কি কি? একচেটিয়াধর্মী
বজাৰৰ বৃত্তান্ত প্ৰতিষ্ঠান এখনৰ
দীৰ্ঘকালীন ভাৰসাম্য বৈশিক চিত্ৰ
অঙ্কন কৰা।

$$3+7+10 = 20$$

Home Assignment

Subject : ECONOMICS (Regular)

Class : B.A. Sem 2

Paper : Eco - RC - 2016

(Principles of Microeconomics)

Question: What is monopolistic competition? What are its main characteristics? How does it differ from monopoly? Mention such two characteristics of monopolistic competition that we don't find either in perfect competition or in monopoly.

$$2+8+8+2 = 20$$

একচেটিয়া প্রতিযোগিতা বজাৰ কি? এনে বজাৰৰ প্ৰধান বৈশিষ্ট্যসমূহ কি কি? একচেটিয়া বজাৰৰ পৰা ই কি ধৰনে পৃথক? একচেটিয়া বজাৰৰ এনে দুটা বৈশিষ্ট্য উল্লেখ কৰা যি দুটা পূৰ্ণ প্রতিযোগিতামূলক বজাৰ অথবা একচেটিয়া বজাৰত চপ্তিবিহীন হোৱা নাই।