

Rajshahi University of Engineering & Technology
B.Sc. Engineering 1st Year 2nd Semester Examination, 2013
Department of Computer Science & Engineering
Course no: Hum 207 Course Title: Economics, Government & Sociology
Full marks: 70 Time: Three (03) hours

N.B. Answer six questions, taking three from each section.
 The questions are of equal value.
 Use separate answer script for each section.

SECTION-A

- Q1. (a) "Economics is the study of mankind in the ordinary business of life" - Analyze the statement. 07
 (b) Explain the three fundamental problems of economics. 1
- Q2. (a) Discuss the law of supply. 03
 (b) What is Demand? 02
 (c) Discuss the law of Demand. 1
- Q3. (a) Distinguish between GDP and GNP. 03
 (b) Why short run average cost curve is U-shaped? 2
 (c) Discuss the law of diminishing marginal returns. 05
- Q4. (a) Classify markets on the basis of competition. 2
 (b) How can you define economic development? 03
 (c) Distinguish between firm and industry. 04

SECTION-B

- Q5. (a) What is U.N.O.? 02
 (b) How and why it was formed? 02
 (c) Discuss the impact of U.N.O. on world life. 03
 (d) Who is the secretary General of U.N.O.? 2
- Q6. (a) Explain the merits of democracy. 04
 (b) Discuss how the independence of judiciary can be ensured? 2
 (c) Discuss the functions of an executive. 03
- Q7. (a) What is urbanization? 02
 (b) Is Bangladesh overpopulated? Suggest remedial measures to solve population problem of Bangladesh. 06
 (c) What do you mean by the term "Society"? 2
- Q8. (a) What is Revolution? 2
 (b) Discuss Russian Revolution. 03
 (c) Define Socialist movement. 02
 (d) Discuss Marxism. 03

THE END

N.B. Answer six questions, taking three from each section.
 The questions are of equal value.
 Use separate answer script for each section.

SECTION-A

		Marks
Q1.	(a) Explain the definition of Economics as given by Prof. Lionel Robbins. (b) Analyze the nature of economic theories.	07 04 2 04 3
Q2.	(a) Draw a demand curve on the basis of the following demand function: $D = 40 - 10P$, where D refers to demand and P refers to price. (b) Distinguish between elastic and inelastic demand with the help of diagrams.	04 2 04 3 04
	(c) How can you draw a supply curve from a supply schedule?	03
Q3.	(a) Discuss the various factors of production.	02 2 02 3
	(b) Explain the law of increasing marginal returns.	04
	(c) Discuss how a firm reaches in equilibrium position.	05
Q4.	(a) Explain the problems of implementing planning in Bangladesh.	03
	(b) Distinguish between GNP and NNP.	03
	(c) Explain the obstacles on the way of industrialization in Bangladesh.	03
	(d) Explain the effects of overpopulation in Bangladesh.	03 2 03 3

SECTION-B

		Mark
Q5.	(a) Define state and Government.	03 2 03 3
	(b) Shows the relationship between Sovereignty and Dependency.	03
	(c) Discuss the nature of the state.	02
	(d) What is meant by nationality?	03
Q6.	(a) Define central Government.	02
	(b) Discuss local Government.	03
	(c) What do you understand by socialism and feminist movements?	03 2 03 3
	(d) Differentiate between local Government and central Government.	01
Q7.	(a) What is city? — P. 461	02
	(b) What is meant by ecology? — P. 492	03
	(c) Differentiate between central location and sector theory of urban ecology.	05 2 05 3
	(d) Critically discuss the theory of break in transportation according to C.H. Cooley — P. 469	04
Q8.	(a) How U.N.O was formed?	05 2 05 3
	(b) Write short notes on: i) Capitalism, ii) Socialism, iii) Communism.	05 3

X

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SECTION-A

		Marks
Q1.	(a) What is public opinion?	03
	(b) Discuss the characteristics of public opinion in Bangladesh.	03
	(c) Shows the relationship between local government and central government.	05 $\frac{2}{3}$
Q2.	(a) Explain feminism.	02
	(b) Discuss the characteristics of social movements in Bangladesh.	05
	(c) Discuss social Revolution.	04 $\frac{2}{3}$
Q3.	(a) Define social science.	03
	(b) What are the characteristics of social science?	02
	(c) What is civilization?	02
	(d) Distinguish between culture and group.	04 $\frac{2}{3}$
Q4.	(a) What is Globalization?	03
	(b) Discuss the impact of Globalization on Bangladesh.	03
	(c) Shows the relationship between Break in transportation theory and sector theory.	05 $\frac{2}{3}$

SECTION-B

		Marks
Q5.	(a) "Economics is the study of mankind in the ordinary business of life"—Analyse the statement.	04 $\frac{2}{3}$
	(b) Differentiate between law of demand and law of supply with the help of suitable diagrams.	04
	(c) How can you measure different elasticities at different points on a linear demand curve?	03
Q6.	(a) Distinguish between GNP and GDP.	03
	(b) "The laws of increasing, constant and diminishing marginal returns are infact different phases of the same production field"—Explain.	03 $\frac{2}{3}$
	(c) How do the internal and external economics arise in large scale production?	05
Q7.	(a) Define economic planning.	02 $\frac{2}{3}$
	(b) Explain the obstacles to economic development in Bangladesh.	04
	(c) Discuss the causes of low productivity of agriculture in Bangladesh.	05
Q8.	(a) What do you mean by production function?	03 $\frac{2}{3}$
	(b) Explain producer's equilibrium with the help of Isoquant and Iso-cost curves.	05
	(c) What is meant by "envelope curve"?	03

N.B. Answer six questions, taking three from each section.

The questions are of equal value.

Use separate answer script for each section.

SECTION-A

		Marks
Q1.	(a) What is public opinion?	03
	(b) Discuss the characteristics of public opinion in Bangladesh.	03
	(c) Shows the relationship between local government and central government.	$05\frac{2}{3}$
Q2.	(a) Explain feminism.	02
	(b) Discuss the characteristics of social movements in Bangladesh.	05
	(c) Discuss social Revolution.	$04\frac{2}{3}$
Q3.	(a) Define social science.	03
	(b) What are the characteristics of social science?	02
	(c) What is civilization?	02
	(d) Distinguish between culture and group.	$04\frac{2}{3}$
Q4.	(a) What is Globalization?	03
	(b) Discuss the impact of Globalization on Bangladesh.	03
	(c) Shows the relationship between Break in transportation theory and sector theory.	$05\frac{2}{3}$

SECTION-B

		Marks
Q5.	"Economics is the study of mankind in the ordinary business of life"—Analyse the statement.	$04\frac{2}{3}$
	Differentiate between law of demand and law of supply with the help of suitable diagrams.	04
	How can you measure different elasticities at different points on a linear demand curve?	03
Q6.	Distinguish between GNP and GDP.	03
	"The laws of increasing, constant and diminishing marginal returns are infact different phases of the same production field"—Explain.	$03\frac{2}{3}$
	How do the internal and external economies arise in large scale production?	05
Q7.	Define economic planning.	$02\frac{2}{3}$
	Explain the obstacles to economic development in Bangladesh.	04
	Discuss the causes of low productivity of agriculture in Bangladesh.	05
Q8.	What do you mean by production function?	$03\frac{2}{3}$
	Explain producer's equilibrium with the help of Isoquant and Iso-cost curves.	05
	What is meant by "envelope curve"?	03

N.B. Answer six questions, taking three from each section.
The questions are of equal value.
Use separate answer script for each section.

SECTION A

- Q1. (a) "Economics is a science which studies human behavior as a relationship between ends and scarce means which have alternative uses". Explain the statement. 7
(b) Explain the three fundamental problems of economics. 4 $\frac{2}{3}$
- Q2. (a) How can you draw a demand curve on the basis of the following demand function: $Q = 20 - 5P$, where Q stands for demand and P stands for price. 4 $\frac{2}{3}$
(b) Distinguish between elastic supply and inelastic supply using suitable diagrams. 3
(c) Explain how a firm reaches in equilibrium? 4
- Q3. (a) Discuss the law of diminishing marginal returns. 5
(b) Why is the short run average cost curve U-shaped? 3 $\frac{2}{3}$
(c) Explain the pre-requisites of economic development. 3
- Q4. (a) What is perfect competition? 4
(b) What is cost of production? 4
(c) Distinguish between fixed cost and variable cost. 3 $\frac{2}{3}$

SECTION-B

- Q5. (a) Define Sociology. 5
(b) What are the functions of sociology? 2
(c) Distinguish between culture and group. 4 $\frac{2}{3}$
- Q6. (a) Explain the merits of democracy. 4
(b) Discuss how the independence of judiciary can be ensured. 4 $\frac{2}{3}$
(c) What are the functions of legislature? 3
- Q7. (a) Write short notes about:
i) Karl Marx ii) Auguste Comte 5
(b) What is urbanization? 2
(c) Is Bangladesh overpopulated? Suggest remedial measures to solve population problem of Bangladesh. 4 $\frac{2}{3}$
- (a) What is public opinion? 3
(b) What is meant by central Government? 3
(c) Distinguish between local and central Government. 3 $\frac{2}{3}$

Answer six questions, taking three from each section.

The questions are of equal value.

Use separate answer script for each section.

SECTION-A

- Q1. (a) Discuss the definition of economics as given by Prof. Alfred Marshall. 4 $\frac{2}{3}$
 (b) Define and distinguish between law of demand and law of supply. 03
 (c) How can you measure elasticity at a particular point on a demand curve? 04
- Q2. (a) What is perfect competition? 2
 (b) What is Cost of Production? 11 A
 (c) Distinguish between fixed cost and variable cost? 11 B
- Q3. (a) Explain how a producer can get 'least cost combination' of factor to produce a given amount of product? 11 A
 (b) Discuss the diseconomies of large scale production. 03
 (c) Distinguish between economic growth and economic development. 03
- Q4. (a) Differentiate between GNP and NNP. 12 A
 (b) Explain the problems of implementing economic planning in Bangladesh. 13 A
 (c) Discuss the role of agriculture in the economy of Bangladesh. 12 C

SECTION-B

- Q5. (a) What is Sociology?
 (b) Why should we study sociology?
 (c) Why do you need to study Sociology being a student of CSE?
- Q6. (a) What is culture?
 (b) Discuss the principal cultural lags in Bangladesh.
 (c) "Culture is the complex whole that consists of all the ways we think and do and everything we have as members of Society."—discuss and give an account of the characteristics of culture.
- Q7. (a) What are the essential elements of a modern state?
 (b) Discuss the functions of an executive.
 (c) Distinguish between executive and administrator.
- Q8. (a) What is meant by urbanization?
 (b) Is Bangladesh overpopulated?
 (c) Suggest remedial measures to solve population problem of Bangladesh.

N.B. Answer six questions, taking three from each section.
 The questions are of equal value.
 Use separate answer script for each section

SECTION-A

- Q1. (a) What is perfect competition? 4
 (b) How does a firm reach equilibrium in the short-run under condition of perfect competition? $7 \frac{2}{3}$
- Q2. (a) What is meant by International trade? 3
 (b) Explain briefly the export-import trade policy of the government of Bangladesh. $8 \frac{2}{3}$
- Q3. (a) What is meant by movement? 4
 (b) Discuss social movements in the context of Bangladesh. $7 \frac{2}{3}$
- Q4. (a) What is meant by judiciary? 2
 (b) Explain the function of judiciary. 2
 (c) How the independence of judiciary can be ensured? $7 \frac{2}{3}$

SECTION-B

- Q5. (a) Explain the nature of economic laws. 1st day $3 \frac{2}{3}$
 (b) Distinguish between elastic and inelastic supply with the help of diagram. 2nd cycle 1 day 4
 (c) Explain the determinants of elasticity of demand. 3rd day 4
- Q6. (a) What is meant by government? 1st day $1 \frac{2}{3}$
 (b) Explain the functions of government. 5
 (c) Discuss the good qualities of citizens in a modern democratic country. 5
- Q7. (a) What are the essential elements of a modern state? 2nd day $2 \frac{2}{3}$
 (b) Discuss the functions of an executive. 6
 (c) Distinguish between executive and administrator. 3
- Q8. (a) Discuss the characteristics of culture. 4
 (b) Explain the various processes of social change. 4
 (c) What are the causes of breaking down of joint family system in Bangladesh? $3 \frac{2}{3}$

"The sun's light is our guide"

Rajshahi University of Engineering & Technology

B.Sc. Engineering 1st Year 2nd Semester Examination, 2007

Department of Computer Science & Engineering

Course no: Hum 207 Course Title: Economics, Government & Sociology

Full marks: 70 Time: Three (03) hours

1. Answer SIX questions, taking THREE from each section.

The questions are of equal value.

Use separate answer script for each section.

SECTION-A

- Q1. (a) What is meant by demand in Economics? 2%
(b) What are the exceptions to the law of demand? 9
- Q2. (a) What is cost of production? 2%
(b) Distinguish between fixed cost and variable cost. 4
(c) Explain the relationship between short run average cost curve and long run average cost curve. 5%
- Q3. (a) What is economic planning? 2%
(b) Discuss the importance of planning in the economy of Bangladesh. 8
- Q4. (a) What is national income? 2%
(b) Discuss the importance of national income. 8%

SECTION-B

- Q5. (a) Explain the various forms of government. 4
(b) What are the organs of government? 3%
(c) Discuss the functions of an executive organ. 4
- Q6. (a) What is democracy? 3
(b) Discuss the merits and demerits of democracy. 8%
- Q7. (a) What is meant by social change? 3%
(b) Explain the impacts of urbanization and industrialization on social change. 8
- Q8. (a) What is meant by state? 3
(b) Explain the evolutionary theory of the origin of state. 8%

..... The End

- N.B. Answer six questions, taking three from each section.
The questions are of equal value.
Use separate answer script for each section.

SECTION - A

1. (a) Define Government and distinguish between government and state.
(b) "The state of New York is not a state" - justify the statement.
(c) What are the organs of Government?
2. Explain the constituent elements of state. Are the names in the following state? Give your answer with reasons.
(a) The U.N.O
(b) Ethiopia
(c) Kashmir
3. Distinguish between capitalism and socialism. Discuss the merits and demerits of capitalism.
4. (a) Explain the various functions of legislature.
(b) What is Judiciary? What are its functions?

SECTION - B

5. (a) What is meant by society & distinguish between society and group.
(b) What is the relationship between community and association?
6. (a) What is social evaluation?
(b) Explain the different stages of social evaluation.
7. (a) What is family?
(b) Discuss the causes of breaking down of joint family system in Bangladesh.
(c) Explain the difference between family and society.
8. (a) What is meant by industrialization and urbanization?
(b) Discuss the impacts of industrialization and urbanization on social change.

Q.1. a) what is meant by economics?

b) what are the exception to the law of demand?

2. a) what is cost of production?

b) Distinguish between fixed cost to variable cost?

c) Explain the relationship between short run average cost curve and long run average cost curve.

Q.3. a) What is economic planning?

b) Discuss ^{import. of planning} the economy of Bang.

Q.4. a) What is national income?

b) Discuss the importance of national income?

Q.5. a) Explain the various forms of govt?

b) What are the organs of the govt?

2001 Q. Discuss the ^{function of} executive organ.

Q.6. a) What is democracy?

b) Discuss the merits and demerits of democracy?

Q.7. a) What is meant by social change?

b) Explain the impacts of urbanization on social change.

2001 Q.8. a) What is meant by state?

2001 b) Explain the evolutionary theory of the origin of state?

N.B. Answer six questions, taking three from each section.
The questions are of equal value.
Use separate answer script for each section.

SECTION-A

Q1. (a) What is State? Briefly discuss the function of a Modern State.

(b) What are the essential elements of a Modern State?

Q2. (a) What do you mean by Executive? Discuss the functions of an Executive.

(b) Distinguish between Executive and Administrator.

Q3. (a) Discuss the different forms of Government.

(b) What are the functions of a Modern State?

Q4. (a) Why and how? Discuss.

(b) Evaluate the achievements and failures of U.N.O.

SECTION-B

Q5. (a) What is Industrial Revolution?

(b) Discuss the impacts of industrial revolution on the world economy.

Q6. (a) Define Sociology. What are the functions of Sociology? Discuss them.

(b) Write briefly on the scope of Sociology.

Q7. (a) What is meant by culture? Culture is "unique procession of man" define it.

(b) Discuss the characteristics of Culture.

Q8. Explain the following terms:

(i) Fascism

(ii) Democracy and

(iii) Citizen

*** The End ***

Q1. a) Discuss elaborately the definition of Economics given by

1. Robbins.

b) Why this definition is considered inadequate? Put your arguments in favour of your answer.

Q.2. a) Distinguish between extension & contraction and increase & decrease in demand. Show them in diagrams and explain.

b) Distinguish between demand curve & demand schedule.

Q.3. a) Explain the various factors of production.

b) Discuss the law of diminishing marginal return.

c) Is the law of diminishing marginal return applicable to agriculture only?

Q.4. a) What is meant by indifference curve?

b) Discuss the characteristics of indifference curve.

c) How does a consumer reach equilibrium under indifference curve analysis?

Q.5. a) Define sociology. What are the functions of sociology. Discuss them.

b) Distinguish between society and group.

Q.6. a) What is legislature?

b) Explain the meaning and functions of executive.

Q.7. a) What is state? Briefly discuss the functions of a modern state?

b) What are the essential elements of a modern state?

Q.8. a) What is industrial revolution?

b) Discuss the various impacts of industrial revolution.

M.E. Answer six questions, taking three from each section.
The questions are of equal value.
Use separate answer script for each section.

SECTION-A

- Q1. Explain the constituent elements of state. Are the followings states? Give reasons in favour of your answer.
- a) The U. N. O.
 - b) The State of Newyork.
 - c) Ethiopia.
- Q2. What are the different organs of government? Discuss the functions of an executive.
- Q3. Distinguish between capitalism and socialism. Discuss the merits and demerits of capitalism.
- Q4. What do you mean by legislature? Explain the role of legislature in a country like Bangladesh.

SECTION-B

- Q5. What do you understand by civilization? How can you distinguish it from culture?
- Q6. What is meant by social change? Explain the effects of urbanization and industrialization on social change.
- Q7. What is co-operative system? Discuss the role of co-operative in solving problems of agricultural sector in Bangladesh.
- Q8. Write notes on the following:
- a) Origin of Sociology.
 - b) Society.
 - c) Community.

1. Explain the Evolutionary theory of the origin of state?
2. Discuss the functions of state:
3. What is Presidential form of government? Discuss the merits and demerits of the Presidential form of Govt.
4. What is Executive? Discuss the functions of the Executive.

Section B

1. What do you mean by social structure? Discuss the pattern of the society in Bangladesh with suitable examples!

What do you understand by 'Socialist Movement'? Discuss Markin's contributions to this movement.

Give a detail account of the effect of over population on world resources.

What is industrialization? Discuss the contribution of industrial revolution to form modern Bangladesh.