

KHULNA UNIVERSITY OF ENGINEERING & TECHNOLOGY

Department of Mechanical Engineering

B. Sc. Engineering 1st year 1st Term Examination, 2015

Hum 1105 (Old)

(Economics and Sociology)

Time: 3 Hours.

Total Marks: 210

N.B. i) Answer any THREE questions from each section in separate scripts.

ii) Figures in the right margin indicate full marks.

SECTION - A

- 1(a) Define Economics. What are the basic problems of an economic system? Explain. 12
- 1(b) Draw a demand curve and explain why the demand curve is downward sloping. 13
- 1(c) What is market equilibrium? Explain market equilibrium. 10
- 2(a) What is production function? Explain the different factors of production. 13
- 2(b) Explain the production possibility frontier. 05
- 2(c) What is short-run? Explain short-run equilibrium of a firm under perfect competition. 17
- 3(a) Distinguish between Microeconomics and Macroeconomics. 05
- 3(b) Define personal income and disposable income. What are the problems in calculating National income? 17
- 3(c) Define market. Write down the different forms of market. 13
- 4(a) What is Monetary policy? Write down its objectives and instruments. 10
- 4(b) What is investment? What are the determinants of investment? Explain. 17
- 4(c) How can you suggest the government to control inflation? 08

SECTION – B

- 5(a) What is sociology and what is its impact on Engineering subjects? 13
- 5(b) Discuss the relationship between sociology and technology. 07
- 5(c) Explain different types of societies with their distinctive nature. 15
- 6(a) What is culture? Where does it differ from civilization? 10
- 6(b) Differentiate between subculture and counter culture. 10
- 6(c) Explain the elements of culture. 15
- 7(a) What is industrialization? What is the relationship between industrialization and urbanization? 10

- 7(b) What is urbanization? How can you measure degree or level of urbanization? 10
- 7(c) Explain urbanism as a way of life. 15
8. Write short note on: (5x7) 35
- (a) Crime in Bangladesh
 - (b) Folk ways and Mores
 - (c) Concentric zone model
 - (d) Beggary
 - (e) Causes of cultural variations.

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