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| **Course-33 Title: Government and Economics** |  |
| **Course No.: AES-221 Credit : 3.00 Contact Hours: 3** | **Total Marks: 100** |

**11.1 Rationale:**

A computer engineer should understand how the government works so that he/she can work on e-governance. He/she should be able to apply economic theories also.

**11.2 Objectives:**

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| **11.3**  **Learning Outcomes** | **11.4**  **Course Content** | **11.5**  **Teaching Strategy/ Learning Experience** | **11.6 Assessment Strategy** |
| * Define and explain government, politics and state * Differentiate government types * Explain Bangladeshi government and politics, administrative system and major policies. | Some basic concepts of government and politics. State-typology, nature and functions of the state-origin of Bangladesh state. Government-types, functions and forms of government. Organs of government – legislative, executive, judiciary and electoral. Government and politics of Bangladesh. Administrative systems of Bangladesh. Some major policies of Bangladesh government. Women in Bangladesh politics. Local government in Bangladesh. The problem of party government and political leadership. Some major aspects of international politics. | Lecture, Assignment | Short Answer, Essay |
| * Define and explain economic theories * Apply economic theories in developing countries * Relate average, margin and total * Define and explain equilibrium | Nature of the economic theory, applicability of economic theories to the problem of developing countries . Some basic concepts - supply, demand and their elasticities. The relationship among average, margin and total and their derivation. Equilibrium- stable, straight and dynamic equilibrium. Consumer’s equilibrium- indifference curve, producer’s equilibrium- isoquant. | Lecture, Assignment | Short Answer, Essay |
| * Analyze production factors * Identify equilibrium of a firm, fixed cost and variable cost, the short run and long run. * Explain cost and supply curves, basic concepts of economics. * Explain fiscal, monetary and trade policies. * Apply policies in respect of Bangladesh | Production- factors of production, production possibility curve- equilibrium of a firm, fixed cost and variable cost, the short run and the long run. The cost curves and supply curves, law of returns, internal and external economics and diseconomics. Economics of development and planning, basic concept- saving, investment, GNP, NNP, percapita income, growth rate, policy instruments of development. Fiscal policy, monetary policy and trade policy their relative applicability in Bangladesh. some planning tools- capital output ratio, input analysis, planning in Bangladesh- five year plans of Bangladesh, development problems related to agriculture, industry and population of Bangladesh | Lecture, Assignment | Short Answer, Essay |

**Recommended** **Books** :

1. W.F. Willoughby : The Government of Modern States.
2. Mohammad Alauddin and Samiul Hasan (eds.) : Development, Governance and the Environment in south Asia- A focus on Bangladesh.
3. Mohammed Mohabbat Khan and John P. Thorp (eds.) : Bangladesh, Society, Politics and Bureaucracy.
4. J. Ross Eshleman, Barbara G. Cashion : Sociology – An Introduction.
5. C. N. Shankar Rao : Sociology.
6. Dr. G. Das : Rural Sociology.
7. 1. Samuelson : “Economics”
8. 2. K. K. Dewett : “Modern economic theory”
9. H. L. Ahuja : “Principle of Micro-Economics”