

Bangladesh University of Business and Technology  
Final Examination (Online)  
B. Sc in CSE Program/Spring Semester, 2021/Intake 47/Sections 02  
ECO 101: Principles of Economics. Full Marks: 40. Full Time: 6 Hours  
Online Upload (Google Classroom): 28/08/2021, Time: 10.00 AM  
Online Submission Deadline (Google Classroom): 28/08/2021, Time: 04.00 PM

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- a. All submissions Through Google Classroom.
- b. Late submissions will not be accepted under any circumstances, as such do not risk yourself helping others. It is always better to refine and improve your answer using the available time. Do not wait for the last hours to submit/turn in. Better to complete and submit/turn in early rather than to relax and wait. Submit as final answer; do not keep as 'Draft'.
- c. There are four questions for you. Answer all the Questions.
- d. All questions carry equal marks. Internal division of marks is at the discretion of the examiner.
- e. Answer all parts of each question consecutively.
- f. Your answer must be in paper and in handwriting, use A-4 size white offset paper, one sided only, Give page numbers on top right of each sheet. Take high resolution good quality pictures of pages in portrait layout in good light. You must be very neat and clean.
- g. Make a cover page with your Name, Id, Mobile no. email, Intake, Section.
- h. Create one full document with all pages in pdf format and then upload as one File/Folder. You must not type and computer compose your answer.
- i. If any two or more answer scripts are of same write-up (full or partial) and the examiner believes that these are copied from each other (full or partial), then all such papers will earn ZERO in total and will be reported to the authority as per BUBT rules.
- j. It is an open-book exam but copying exactly from books will not be accepted at all. Answering theoretical questions must be in your own language.

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| Set 1 | <ul style="list-style-type: none"><li>a. Identify some macroeconomic problems in Bangladesh.</li><li>b. Who is unemployed? Discuss about different types of unemployment.</li><li>c. Why is aggregate demand downward sloping? Explain.</li></ul> | <ul style="list-style-type: none"><li>2</li><li>4</li><li>4</li></ul> |
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| Set 2 | <ul style="list-style-type: none"><li>a. Is GDP adjusted for bad production?</li><li>b. What does GDP omit? Explain.</li><li>c. Is Either GDP or Per Capita GDP a measure of happiness or well-being? Differentiate between GDP and GNP</li></ul> | <ul style="list-style-type: none"><li>2</li><li>4</li><li>4</li></ul> |

- Set 3
- a. How inflation can be controlled? 2
  - b. Describe the importance of inflation. 4
  - c. How can you calculate the rate of inflation by using consumer price index (CPI)? 4  
Discuss with a hypothetical numerical example.
- Set 4
- a. What are the roles of money? 2
  - b. How can money supply be measured? What are the reasons for holding money? 4
  - c. Analyze the consumption function. (ii) Given that,  $C = 1000 + 0.8Y_d$ ,  $Y = 10000$ , 4  
and tax rate = 10%. Prove that,  $APC + APS = 1$