

Name: _____ Id. No: _____

Birla Institute of Technology and Science, Pilani
First Semester 2017-2018
Comprehensive Examination (Regular)
PART A

Course Name: ENERGY ECONOMICS AND POLICY (ECON F353)

Total Marks: (20) Weight 20%

Date: 02/12/2017

Duration: 90 Min.

Type: Close Book

1. Write your name and BITS Id No in the space provided on the top of this page
2. This paper consist of five short answer questions of four marks each. All questions are compulsory

Q1. "Despite commendable ongoing efforts, the power sector faces substantial challenges going forward which make it worthy of serious analysis". Explain four major macroeconomic challenges?

Q2. What do we mean by energy transitions? what determines (mention three factors) the energy transition?

Q3. Describe the global energy consumption by source of energy using the data published by the International Energy Agency 2013?

Q4. Define levelized cost of energy? How do we calculate the levelized cost of energy?

Q5. Describe the four different forms of energy subsidies?