DOON UNIVERSITY, DEHRADUN
Semester Final Examination, odd Semester, 2015
School of social science
M.Sc. (Economics) 5th Sem
Course: SSEI -310 -Economic Growth

Time Allowed: 3Hours   *Maximum Marks: 50*

Note :- each carry equal marks i.e. 5 marks

Section A: attempt any three

Q.1:- How an investment has dual effect on economic growth. Explain a steady state condition for growth.

Q.2:- Discuss about evaluation and criticism of Harrod Dommar model with policy implication in a country.

Q.3:- What is golden age, define. Explain the conditions of golden age . if these conditions are bnot achieved then what will be the plausible results.

Q.4:- Discuss about JR model of economic growth with its assumption and mathematical formulation.

Section B: attempt any three.

Q.5:- Explain endogenous growth model.

Q.6:- "If technological change is partly embodies; there is a risk that total factor of productivity growth as calculated by the growth accounting method understates the role of technological changes" true or false. Explain.

Q.7:- How does technological progress differ from accumulation of factors of production as a source of economic growth.

Q.8:- how does the effect of raising the fraction of resources devoted to R&D differ in the follower country, Compare with leading country.why are the effects differ from each other.

Section C: attempt any four

Q.9:- what will be the effect of technological progress on steady state output and total output.

Q.10:- how does knowing the technological "Gap" between two countries allow us to inter differences in their level of efficiency.

Q.11:- list and explain the types of inefficiency of economic activities.

Q.12:- Consider two country model and suppose that $\gamma A1 > \gamma A2$ and that two countries are in steady state. Now assume that country 2 raise fraction of labour force that is doing R&D $\gamma A1 < \gamma A2$. Explain how the rate of growth in country 1 & 2 will behave over time.

Q.13:- explain with reason whether or not the followings are physical capital, a delivery truct, milk, farm land and Pythagorean theorem.