



**UNIVERSITY OF PETROLEUM AND ENERGY STUDIES**  
**End Semester Examination, December 2021**

**Course: Development Economics-I**  
**Program: BA (H) Economics**  
**Course Code: ECON 3011**

**Semester : V**  
**Duration : 03 hrs.**  
**Max. Marks: 100**

**Instructions:**

Q.No	Section A Attempt all questions	Marks	COs
1	The Physical Quality of Life Index (PQLI) combines three indicators. They are. A. infant mortality life expectancy and adult literacy rate B. crime rate clean environment and quality of housing C. air pollution rate, Water pollution rate and sanitation D. health education and environment	2	CO1
2	Warranted growth rate is determined by A. Saving-income ratio B. Capital-output ratio C. Both A and B D. Neither A nor B	2	CO1
3	To which school of thought did Roy Harrod (1900-1978) belong A. Neoclassical B. Classical C. Post Keynesian D. None of the above	2	CO1
4	Longevity is proxy for _____ in the Human Development Index. A. health and nutrition B. living standard C. infant mortality D. Purchasing Power Parity	2	CO1
5	According to Harrod-Domar model of growth what will happen if the actual growth rate is greater than the warranted rate of growth A. Chronic Inflation B. Chronic Deflation C. No effect D. None of the above	2	CO1
6	As economic development proceeds, income inequality tends to follow a(n) _____ curve A. convex. B. inverted U-shaped. C. L-shaped. D. S-Shaped.	2	CO1
7	Economic development refers to A. Economic growth. B. Economic growth plus changes in output distribution and economic structure. C. Improvement in the well-being of the urban population. D. Sustainable increases in Gross National Product.	2	CO1

8	Classical economists developed a theory of factor prices. Which of the following is a factor of production? A. Labor B. Capital C. Land D. A and B Both	2	CO1
9	Which of the following explains the term economic growth? A. Increase in per capita production B. Increase in per capita real income C. Structural change in the economy D. All the above are right	2	CO1
10	Economic growth can be measured by _____ . A. The CPI B. The CBI C. GDP D. MPC	2	CO1
Q.No.	<b>Section B</b> <b>Write short answer of following questions.</b>	<b>Marks</b>	
1	Lorenz curve and the Gini coefficient.	5	CO2
2	Construction of PQLI	5	CO2
3	Absolute and relative poverty	5	CO2
4	Rate of Exploitation, Rate of Profit and Organic Composition of Capital	5	CO2
	<b>Section C</b> <b>Attempt all questions</b>	<b>Marks</b>	COs
1	Write short note on Human poverty index (HPI) and Gender Development Index (GDI).	10	CO2
2	Briefly explain Ricardo's Theory of Economic Development?	10	CO3
3	Critically examine Adam Smith's theory of economic development.	10	CO3
	<b>Section D</b> <b>Attempt all questions. Each question has equal mark.</b>	<b>Marks</b>	COs
1	Derive the condition required for steady state in solow's model. Clearly explain the meaning of the symbols used in derivation and assumptions used at each stage of the derivation.	15	CO4
2	What are the assumption of Harrod model of economic growth? How does this model distinguish between warranted, actual and natural rate of growth?	15	CO4