UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
End-Term Examination, May -2021

Course: Developmental Theory **Semester: IV**
Program: BA PPA **Time: 3 Hours**
Course code: BAPP 2005 **Max. Marks: 100**

SECTION A

	Note: Answer all the questions below	**Marks**	**CO**

1.	Warranted growth rate is determined by
	  A. Saving-income ratio
	  B. Capital-output ratio
	  C. Both A and B
	  D. Neither A nor B
		5	CO1

2.	The Production function of Solow model is assumed to have the cobb-Douglas form and is given as $Y = F(KL) = K^{\propto} L^{1-\propto}$. Which of the following statements are correct.
	
	  A. K denotes output and L denotes Labor
	  B. The function exhibits constant returns to scale
	  C. Output is a function of capital and technology
	  D. All the above
		5	CO2

3.	To which school of thought did Roy Harrod (1900-1978) belong
	  A. Neoclassical
	  B. Classical
	  C. Post Keynesian
	  D. None of the above
		5	CO2

4.	Longevity is proxy for _____ in the Human Development Index.
	  A. health and nutrition
	  B. living standard
	  C. infant mortality
	  D. Purchasing Power Parity
		5	CO1

5.	Infant mortality…
	
	  A. is defined as the annual number of deaths of infant under 1 year old per 1,000 live births
	  B. reflects the availability of primary education the rights of employments and social security
	  C. is life expectancy up to age 3
	  D. reflects the availability of hospitals and childcare facilities and the parents wealth
		5	CO1

6.	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
		5	CO2

SECTION B

Note: Answer all the questions below		**Marks**	**CO**
Q 1	What do you mean by sustainable development? What are the elements underpinning the Sustainable Development Goals?	10	CO3
Q 2	Discuss the E.D. Domar's Model of Economic growth.	10	CO4
Q 3	What do you understand by income inequalities? Explain different methods to measure it.	10	CO3
Q 4	Discuss the method of calculation Physical quality life of index (PQLI) and Human Development Index (HPI) for an economy.	10	CO4
Q 5	Distinguish between absolute poverty and Relative Poverty. Explain different measures of poverty. Discuss three major policy to eliminate poverty in India?	10	CO3

SECTION-C

Q 1	Describe the structure of the Solow model of economic growth. Compare the Solow model with Harrod- Domar model of economic growth.	20	CO4