

DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE Regular and Supplementary Summer Examination – 2024 Course: B. Tech. Branch : AI & DS & Allied Semester : VI Subject Code & Name: BTAIHM605A Development Engineering Max Marks: 60 Date: 25/06/2024 Duration: 3 Hr.			
Instructions to the Students: 1. All the questions are compulsory. 2. The level of question/expected answer as per OBE or the Course Outcome (CO) on which the question is based is mentioned in () in front of the question. 3. Use of non-programmable scientific calculators is allowed. 4. Assume suitable data wherever necessary and mention it clearly.			
		(Level/CO)	Marks
Q. 1	Solve Any Two of the following.		12
A)	What are the principals of Development engineering?	(L2/CO1)	6
B)	What is organization? Explain types of organization in Development engineering?	(L2/CO1)	6
C)	Give the timeline activity of Humanitarian engineering? Explain in detail.	(L3/CO1)	6
Q.2	Solve Any Two of the following.		12
A)	State and explain divisions of United Nations.	(L3/CO2)	6
B)	Define Sustainable development and discuss types of SD.	(L3/CO2)	6
C)	Describe Water pollution, soil pollution, air pollution and climate change.	(L2/CO2)	6
Q. 3	Solve Any Two of the following.		12
A)	What are the measures of Indian constitution whose purpose is to establish social justice? Explain in detail.	(L3/CO3)	6
B)	What are the essentials of justice in modern society?	(L2/CO3)	6
C)	Discuss Amartya Sen's idea of justice.	(L3/CO3)	6
Q.4	Solve Any Two of the following.		12
A)	Name six factors that adversely affect school access or attendance.	(L2/CO4)	6
B)	What are the global health challenges? Explain in detail.	(L3/CO4)	6
C)	What is Prahalad bottom of the pyramid concept?	(L2/CO4)	6
Q. 5	Solve Any Two of the following.		12
A)	Describe System Theory for communities.	(L3/CO5)	6
B)	List and explain steps of project management.	(L3/CO5)	6
C)	Explain how artificial intelligence is changing Education?	(L3/CO5)	6
	*** End ***		