

MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY, WEST BENGAL

Paper Code : Œ(HS)401 Civil Engineering-Societal & Global Impact
UPID : 004449

Time Allotted: 3 Hours

Full Marks:70

The Figures in the margin Indicate full marks. Candidate are required to give their answers in their own words as far as practicable

Group-A (Very Short Answer Type Question)

1. Answer any ten of the following:	
(I) Higher regime decrees to	[1 x 10 = 10]
(II) Higher resins dosage is recommended when using aggregates.	(1 × 10 - 10)
. C. Olation 12 Leigted to	
(III) Petra is also called	
What is called for the collection of rainwater for uses?	
(V) The process of burning of municipal solid waste at high-temperature is called (Vi) Which type of inspection is more intensive involved.	
The interior of the interior of the evamination of	
The state of the s	
The technique of growing crops without soil is	
which technology that converts sunlight into current electricity by with a service of the servic	
and grinding of municipal solid waste?	
A Hyperloop is a proposal mode of	
(XII) What body of water does the Panama Canal connect to the Pacific ocean?	
Group-B (Short Answer Type Question)	
Answer any three of the following .	[5 x 3 = 15]
Illustrate with example few modern marvels and wonders in the field of civil engineering?	
bescribe if the brief intrastructure in context to civil engineering, what are types of infrastructure in	(5)
Second of the se	[5]
5. What are the main consequences of global warming?	[5]
6. What is the architectural acoustics? why acoustics matter in homes an building?	[5]
Group-C (Long Answer Type Question)	[5]
Answer any three of the following:	
7. What are the Merits & Demerits of Multi purpose water projects?	[15 x 3 = 45]
√ 8. What is climate control & how it works?	[15]
9. Illustrate the innovations and methodologies for ensuring sustainbility.	[15]
10. Describe the innovative technology & materials and the materials	[15]
11. Describe in brief the key ways to reduce Green House Gas emissions in building construction?	[15]
Construction?	[15]
*** END OF PAPER ***	(-5)