(CIVIL & INFRA) sem VII CBCGS R19 cscheme
14-11-24
CIVIL
INFRA

CENTRAL LIBRARY

(3Hours) [Total Marks:80]

Notes :

1.
- **Question No. 1 is compulsory.**
- **Attempt any Three out of the remaining five questions.**
- **Figure to the right indicates full marks. Draw neat sketches wherever necessary.**
- **Assume suitable data wherever required.**

1.		**Attempt (Any 4)**	
	a)	Explain photoelectric electric effect.	05
	b)	What is a radioactive waste?	05
	c)	Differentiate between Offshore wind and Onshore wind	05
	d)	Explain the working principle of thermal power plant with a diagram.	05
	e)	Describe the role of Telecommunication in Infrastructure industry.	05
	f)	Write short note on WWW.	05
2.	a)	Differentiate between: Horizontal Axis turbine and Vertical axis turbine.	10
	b)	What are the different types of wind blades.	10
3.	a)	Describe working of solar PV cell with diagram.	10
	b)	Explain double basin arrangement of tidal power plant with diagram	10
4.	a)	How to work wind power plant with diagram?	10
	b)	Explain steps for the repair process of thermal power plant.	10
5.	a)	Explain i) similarity between IoT and IoE ii) Internet Architecture.	10
	b)	Explain wireless communication with block diagram.	10
6.	a)	Explain the process for fuel supply of nuclear power plants in India.	10
	b)	Explain computer networking?	05
	c)	Explain cloud computing architecture.	05

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QP code
67565

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