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**Question Paper Code: U6505**

M.E. DEGREE EXAMINATION, NOV 2024

Elective

21PSE605– SMART CITY TECHNOLOGIES

(Regulations 2021)

(Common to ALL Branches)

Duration: Three hours

Maximum: 100 Marks

Answer ALL Questions

PART - A (5 x 20 = 100 Marks)

1. (a) Analyze the Feasibility of smart cities and what are the steps involved in Smart city construction? CO1 Ana (20)  
Or  
(b) Analyze the real time problems facing during the construction of smart city. CO1 Ana (20)
2. (a) Examine the public safety in smart cities. CO4 App (20)  
Or  
(b) How to implement computer resources in smart cities? CO4 App (20)
3. (a) Prepare a detail report on Principles of sustainable development and smart growth in a newly planned smart city. CO4 App (20)  
Or  
(b) Summarize the construction of smart building its flow diagram CO4 App (20)
4. (a) Examine in detail about Big Data analytics. CO4 App (20)  
Or  
(b) Summarize the cloud computing and its uses. CO4 App (20)

5. (a) Design a communication network for a smart city in faster mode. CO6 App (20)

Or

(b) Summarize the principle and concepts of e-governance CO6 App (20)