PA-10337

[6009]-442

T.E. (Computer Engineering) (Insem.)
Honour : AUGMENTED REALITY
(310703) (2019 Pattern) (Semester - II)

Time : 1 Hour]   *[Max. Marks : 30*

Instructions to the candidates:
1) *Attempt Q1 or Q2 , Q3 or Q4.*
2) *Figures to the right indicate full marks.*
3) *Neat diagrams must be drawn wherever necessary.*
4) *Assume suitable data if necessary.*

Q1) a) Explain the relationship of augmented reality with telepresence. **[5]**

b) Explain in detail the working of augmented reality. **[5]**

c) Write short notes on cyberspace & mixed reality. **[5]**

OR

Q2) a) List and explain the key aspects of Augmented Reality. **[5]**

b) Write notes on Global Positioning System (GPS) and Geographic Information Systems (GIS). **[5]**

c) Explain the sensors used for tracking. **[5]**

Q3) a) Which are different categories of sensors used in AR systems? **[5]**

b) Which are different visual displays used for AR applications. **[5]**

c) How can tracking be achieved in Augmented Reality? **[5]**

OR

Q4) a) What is Haptics? Explain its components. **[5]**

b) What is role of processor in augmented reality? Explain processor system architectures. **[5]**

c) What are the 3 hardware components involved in augmented reality hardware? Explain the role of each. **[5]**

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