

Total No. of Questions : 4]

SEAT No. :

PA-10043

[Total No. of Pages : 1

[6009]-326

T.E. (Computer Engineering) (Insem)

AUGMENTED REALITY & VIRTUAL REALITY
(2019 Pattern) (Semester - II) (Elective - II) (310254(B))

Time : 1 Hour]

[Max. Marks : 30

Instructions to the candidates :

- 1) Solve Q.1 or Q.2, Q.3 or Q.4.
- 2) Neat diagrams must be drawn wherever necessary.
- 3) Assume suitable data if necessary.

- Q1)** a) Describe key elements of Virtual Reality. [5]
b) Explain in brief history of Augmented Reality. [5]
c) Explain different applications of Virtual Reality. [5]

OR

- Q2)** a) Explain different applications of Augmented Reality? [5]
b) Differentiate between AR & VR. [5]
c) What are the key aspects of Virtual Reality? [5]

- Q3)** a) Explain the different properties of visual displays with example? [5]
b) Elaborate different types of head based aural displays? [5]
c) Explain projection based Virtual Reality with example. [5]

OR

- Q4)** a) Explain position tracking with example. [5]
b) Explain different types of haptic displays. [5]
c) Explain different types of inputs used as interface to the virtual world?[5]

