

Total No. of Questions : 4]

SEAT No. :

PF284

[Total No. of Pages : 1

APR-26/TE/Insem-363

T.E. (Civil) (Insem)

REMOTE SENSING & GEOGRAPHIC INFORMATION SYSTEM

(2019 Pattern) (Semester - VI) (301014)

Time : 1 Hour]

[Max. Marks : 30

Instructions to the candidates:

- 1) *Answer Q.1 or Q.2, Q.3 or Q.4*
- 2) *Figures to the right indicate full marks.*
- 3) *Assume suitable data, if necessary.*
- 4) *Use of electronic pocket calculator is allowed in the examination.*
- 5) *Neat diagrams must be drawn wherever necessary.*

- Q1)** a) Discuss different applications of remote sensing in civil engineering [5]
b) Discuss electromagnetic radiations interaction with the earth atmosphere. [5]
c) Write a note on various elements of remote sensing for visual image interpretation. [5]

OR

- Q2)** a) Explain with neat sketch components of remote sensing. [5]
b) Explain visual interpretation and image interpretation. [5]
c) Explain different remote sensing platforms with neat sketch. [5]
- Q3)** a) Explain various characteristics of remote sensing satellite. [5]
b) Discuss different types of resolutions used in satellite sensor. [5]
c) Discuss the importance of swath and nadir in remote sensing. [5]

OR

- Q4)** a) Write a note on global remote sensing satellite programs. [5]
b) Explain the terms LANSAT and RADARSAT. [5]
c) Explain various characteristics of Sensor [5]

