

M. SC. (GEOINFORMATICS) SEM-II (CBCS) (2013 COURSE) :

SUMMER - 2018

SUBJECT: FUNDAMENTALS OF WEB GIS

Day : **Wednesday**

Date : **25/04/2018**

S-2018-1115

Time : **02.00 PM TO 05.00 PM**

Max. Marks: 60.

N.B.:

- 1) Answer any **FIVE** questions.
 - 2) Figures to the **RIGHT** indicate full marks.
 - 3) Draw neat labeled diagrams **WHEREVER** necessary.
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- Q.1. a.** Describe the inherent advantages of Web GIS. (06)
- b.** Give two examples of Web GIS in action. (06)
- Q.2. a.** What is the three tier architecture of a web application? (06)
- b.** Differentiate between mashups and geospatial mashups. (06)
- Q.3. a.** What is mobile GIS? What advantages does it have? (06)
- b.** Explain in detail geospatial web service standards. (06)
- Q.4. a.** Explain with example, the use of Google Map API in creating web enabled GIS websites. (06)
- b.** Write a note on geotagging. (06)
- Q.5. a.** What type of geospatial data is needed for targeted online advertising and how is this obtained? (06)
- b.** Explain the role of RDBMS in creating an interactive web application with an example. (06)
- Q.6.** Write short notes on **ANY THREE** of the following (12)
- a.** Browser side programming technology
 - b.** Map services
 - c.** Web service based interoperability
 - d.** Location privacy

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