

M. SC. (GEOINFORMATICS) SEM-II (CBCS) (2013 COURSE) :
WINTER - 2017

SUBJECT: FUNDAMENTAL OF WEB GIS

Day: **Thursday**
Date: **16/11/2017**

W-2017-1000

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.

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- Q.1** a) Write a short note highlighting the key features of WPS, WMS and WCS? (06)
- b) What do you understand by internet GIS? Make a schematic diagram of its architecture. (06)
- Q.2** a) Differentiate between server side and browser side mashups. (06)
- b) Describe the role of crowd sourcing in a WebGIS application. (06)
- Q.3** a) How have location based services changed our lives. Give atleast three examples. (06)
- b) Write a note on the role of open street maps in mashups. (06)
- Q.4** a) Draw a mash up framework diagram involving all the various components. Highlight the role of each component. (06)
- b) Describe two applications of WebGIS in e-governance with architecture and data details. (06)
- Q.5** a) Your friend wishes to use WebGIS in his online business. Describe atleast two initiatives with system architecture and their specific role in furthering his business. (06)
- b) What are the typical data formats for exchanging data between the web server and web client. Elaborate. (06)
- Q.6** Write short notes on any **THREE** (12)
- a) Geo RSS
 - b) Geo Mashup
 - c) Web Server
 - d) WMS, WFS

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