- The GIS integrates spatial and other kinds of information within a single system.
- GIS even play a very important role in both social and institutional aspects.
- The current development of GIS goes through web-based and mobile-based GIS mostly among others.



5.9 FURTHER READINGS

- *Geographic Information Systems and Science* by Paul A. Longley, Michael F. Goodchild, David J. Maguire, David W. Rhind.
- *Remote Sensing and GIS* by Basudeb Bhatta.
- *Introduction to Geographic Information System* by Kang-Tsung Chang.
- *Remote Sensing and Geographical System* by Anil K. Jamwal.
- Related reading material of the National Programme on Technology Enhanced Learning (NPTEL). Example http:// nptel.ac.in/courses/105102015/

  http://nptel.ac.in/courses/105102015/39



5.10 ANSWERS TO CHECK YOUR PROGRESS

Q.No.1: A Geographic Information System is a computer system for capturing, storing, querying, analyzing and displaying geospatial data.

Q. No. 2: The geospatial data are data that describes both the locations and characteristics of spatial features such as; roads, land parcels and vegetation stands on the earth surface.

Q. No. 3: The main components of GIS are computer system, GIS software, user and data.