14SSP50

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

MSc DEGREE EXAMINATION DECEMBER 2018
(Ninth Semester)

Branch **-SOFTWARE SYSTEMS**
(Five year integrated)

BIG DATA ANALYTICS

Time: Three Hours   Maximum: 75 Marks

SECTION -A (30 Marks!
Answer **ALL** questions
ALL questions carry **EQUAL** Marks (5 x 6 = 30)

1 a Discuss IT components.
                          OR
   b Explain biological and spatial data.

2 a Discuss Big data myths.
                          OR
   b Explain Data Augmentation.

3 a Write the traits of big data.
                          OR
   b Discuss the challenges of conventional systems.

4 a Discuss the basic concepts of Hadoop.
                          OR
   b Write the Hadoop ecosystem components.

5 a Explain Neo4j graph database.
                          OR
   b Discuss the limitations of big data and challenges.

SECTION -B (45 Marks)
Answer any **THREE** questions
ALL questions carry **EQUAL** Marks (3 x 15 = 45)

6   Explain the classification of digital data in detail.

7   Elaborate the big data technology process.

8   Discuss in detail about modem data analytic tools.

9   Write in detail about STORM.

10   Explain MongoDB and CouchDB in detail.

Z-Z-Z   END