

Total No. of Questions : 6]

SEAT No. :

P277

[Total No. of Pages : 2

Oct./BE/Insem.-595

B.E. (Computer Engineering)

DATA ANALYTICS

(2015 Course) (Semester - I) (410243)

Time : 1 Hour]

[Max. Marks : 30

Instructions to the candidates:

- 1) *Answer Q1 or Q2, Q3 or Q4, Q5 or Q6.*
- 2) *Neat diagrams must be drawn wherever necessary.*
- 3) *Figures to the right side indicate full marks.*
- 4) *Assume suitable data if necessary.*

Q1) a) Draw and explain Current Analytical Architecture. **[5]**

b) Enlist and explain various users involved to make successful analytical project. **[5]**

OR

Q2) a) Discuss with example Data devices and Data collectors of emerging Big Data Ecosystem. **[5]**

b) Demonstrate the overview of Data Analytics Life Cycle. **[5]**

Q3) a) Explain: **[5]**

i) Wilcoxon Rank-Sum Test

ii) ANOVA

b) Explain hypothetical testing in detail with example. **[5]**

OR

P.T.O.

Q4) a) Compare Type - I and Type - II errors. [5]

b) Explain k-means algorithm. [5]

Q5) a) Explain Apriori association rule mining algorithm. [5]

b) Explain Linear Regression in detail. [5]

OR

Q6) a) How association rules are helpful in developing business strategy? [5]

b) Define following terms: [5]

i) Confidence

ii) Support

