



### End Term Examinations (April 2019)

School: School of Engineering

Program: BTECH ITDS

Course: Data Visualization

Course Code: MGT214

Semester: IV

Max Marks: 30

Duration (mins): 60

Note- 1. Figures to the right indicates full marks.

2. Attempt any three questions.

- Q1. 1. Qualitative vs. Quantitative data (4)  
2. what are the different types of bar plot list and explain any 2 with diagram (6)
- Q2. 1. WAP to create a stacked bar plot. (4)  
2. WAP using ggplot2 for bar plot and add title, axis points, change width and spacing to the bar plot. (4)  
3. Define data visualization with example. (2)
- Q3. 1. Write difference between heat map and tree map. (4)  
2. List the different network graph and WAP for any one on existing dataset. (2)  
3. Use appropriate library and draw correlation plot. (4)
- Q4. 1. What is QQ plot and draw the QQ plot for suitable dataset. (5)  
2. What is Dendrogram and WAP to draw Dendrogram for any dataset. (5)
- Q5. 1. Define annotations and explain any 2 annotations. (4)  
2. Define data Visualization and explain any one Data visualization Technique. (6)



