

G.R. No.	
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U482-244C(FSE)

**DECEMBER 2021 - ENDSEM EXAM**  
**FINAL YEAR B. TECH. (COMP/E&TC/IT) (SEMESTER - II)**  
**COURSE NAME: OPEN ELECTIVE III(BUSINESS INTELLIGENCE)**  
**COURSE CODE: IOEUA40184C**  
**(PATTERN 2018)**

Time: [1Hr]

[Max. Marks: 30]

**(\*) Instructions to candidates:**

- 1) Answer Q.1 OR Q.2, Q.3 OR Q.4, Q.5 OR Q.6.
- 2) Figures to the right indicate full marks.
- 3) Use of scientific calculator is allowed
- 4) Use suitable data where ever required

Q.1 a) Justify with suitable example the parameter Profit Ratio [4]  
 .What should be a comfortable profit ratio for business.

Q.1 b) Evaluate DAX for YTD QTD and MTD with suitable example. [6]

**OR**

Q2 a) Compare and contrast measures of central tendency with [4]  
 suitable example

Q2 b) Determine the connections and its significance in Power BI [6]  
 with suitable example.

Q.3 a) Comment on similarity between dashboard and reports [4]

Q.3 b) Determine the steps to configure gateway and schedule [6]  
 refresh for automated data refresh

**OR**

Q.4 a) Determine the utility of Power Bi Mobile features. [4]

Q.4 b) Justify the advanced Power BI features. [6]

Q.5 a) Comment on the filtering capability of Tableau. [4]

Q.5 b) Clarify how Business analytics plays role in HR management [6]

**OR**

Q.6 a) Explicate advantages and features of tableau [4]

Q.6 b) Justify How Business analytics plays role in educational [6]  
 industry?