

G.R. No.	
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**DECEMBER 2021 - ENDSEM EXAM**  
**FINAL YEAR B. TECH. (COMP/E&TC/IT) (SEMESTER - I)**  
**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) Analyze significance of Profit Ratio with example [4]

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

**OR**

Q2 a) Interpret measures of central tendency with suitable example [4]

Q2 b) Enumerate the ways to perform calculations in Power BI with suitable example. [6]

Q.3 a) Differentiate between dashboard and reports [4]

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

**OR**

Q.4 a) Interpret "Stay connected to your data wherever business takes you. Mobile business intelligence is just a touch away. And justify its relation with Power BI mobile [4]

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

Q.5 a) Analyze the significance of different filters in 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 industry? [6]