

(AUTONOMOUS)
PG DEGREE EXAMINATION MAY 2026
(Third Semester)

TRANS DISCIPLINARY COURSE
(Common to PG Programmes)

BUSINESS INTELLIGENCE AND ANALYTICS

Time: Three Hours

Maximum: 75 Marks

SECTION-A (10 Marks)

Answer **ALL** questions

ALL questions carry **EQUAL** marks

(10 × 1 = 10)

Module No.	Question No.	Question	K Level	CO
1	1	What accounting concept assumes that a business will continue to operate for the foreseeable future? a) Going Concern b) Accrual c) Matching d) Materiality	K1	CO1
	2	Show the ratio analysis used for a) Calculate profit b) Prepare financial performance c) Prepare financial statements d) Determine tax liability	K2	CO1
2	3	What is the formula for calculating the break-even point? a) Fixed costs/Contribution b) Variable Costs/Contribution c) Total costs/Selling price d) Selling price/Total costs	K1	CO2
	4	Outline the meaning of overhead cost a) Direct cost b) Indirect cost c) Fixed cost d) Variable cost	K2	CO2
3	5	State the final step in the Business Analytics Life Cycle? a) Data Collection b) Data Analysis c) Solution d) Monitoring and evaluation	K1	CO3
	6	What is the formula to calculate the minimum value in a range of cells in Excel? a)=MAX(range) b)=MIN(range) c)=Avg(range) d)=Sum(range)	K2	CO3
4	7	What is a short cut key for undo operation in spreadsheet? a) Ctrl+I b) Ctrl+Z c) Ctrl+X d) Ctrl+S	K1	CO4
	8	Select the menu is used to cut,copy and past cells a)Edit Menu b)Filet Menu c) Format Menu d) Tools menu	K2	CO4
5	9	Find out the short cut key for Opening the Company menu in tally a) Alt+K b)F11 c) Alt+Y d) F4	K1	CO5
	10	Select which option is used in tally to make changes in company. a)Select b)Shut Company c) Alter d)None of these	K2	CO5

SECTION - B (35 Marks)

Answer **ALL** questions

ALL questions carry **EQUAL** Marks

(5 × 7 = 35)

Module No.	Question No.	Question	K Level	CO
1	11.a.	Explain the conventions of accounting.	K2	CO1
		(OR)		
	11.b.	Show the difference between book keeping and accounting.		
2	12.a.	Interpret the different types of cost.	K2	CO2
		(OR)		
	12.b.	From the following information, calculate the break even point in units and in sales value. Output -3,000 Selling price per unit Rs.30 Variable cost per unit Rs.20 Total fixed cost Rs,20,000		

Cont...

3	(OR)		K2	CO2
	13.b.	Given: Current ratio=2.8 Acid test Ratio=1. Working Capital=1,62,000, Find out, a)Current Assets b) Current Liabilities c) Liquid Asset		
4	14.a.	Explain the sort and filter functions in excel with examples.	K3	CO3
	(OR)			
	14.b.	Build the concepts of Menus and its uses in Excel.		
5	15.a.	List out the steps in Ledger Creation with example.	K4	CO5
	(OR)			
	15.b.	Analyze the steps for creating charts in excel.		

SECTION -C (30 Marks)

Answer ANY THREE questions

ALL questions carry EQUAL Marks (3 × 10 = 30)

Module No.	Question No.	Question	K Level	CO
1	16	List out the accounting concepts.	K4	CO1
2	17	Prepare the Cost Sheet to show the total cost of production and cost per unit of goods manufactured by a company for the month of July, 2010. Also find the cost of sales and profit. Stock of Raw Materials, 1.07.2010 3,000 Raw Materials purchased 28,000 Stock of Raw Materials, 31.07.2010 4,500 Manufacturing wages 7,000 Depreciation on Plant 1,500 Loss on sale of a part of plant 300 Factory Rent and Rates 3,000 Office Rent 500 General Expenses 400 Discount on sales 300 Advertisement Expenses to be charged fully 600 Income Tax Paid 2,000 Sales 50,000 The number of units purchased during July, 2010 was 3,000. The stock of finished goods was 200 and 400 units on 1.07.2010 and 31.07.2010 respectively. The total cost of the units on hand on 1.07.2010 was Rs.2,800. All these had been sold during the month.	K4	CO2
3	18	Discover the concepts of Business Analytics Life Cycle in detail.	K4	CO3
4	19	List out the Excel Formulas and Functions with examples.	K4	CO4
5	20	Analyse the Preparation of Trial Balance in Tally with examples.	K4	CO5

Z-Z-Z END