Name:	
Enrolment No:	

UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
End Semester Examination, January 2021

Program: **MBA Power Management**   Semester –   **I**
Subject (Course): IT Applications in Energy Sector   Max. Marks: 100
Course Code   : OGET7017   Duration: 3 hrs.
No. of page/s: 3

		Marks	CO
Q 1	Name any 5 modules of SAP	**5**	**CO1**
Q2	Complete the abbreviations 1. OMS 2. SCM 3. PESTEL 4. IOT 5. SCADA	**5**	**CO1**
Q3	**I. Which of the following will not cut information?** a. Pressing Ctrl + C b. Selecting Edit>Cut from the menu c. Clicking the Cut button on the standard d. Pressing Ctrl+X II. **How do you insert a row?** a. Right-click the row heading where you want to insert the new row and select Insert from the shortcut menu	**5**	**CO1**

	b. Select the row heading where you want to insert the new row and select Edit >Row from the menu		
	c. Select the row heading where you want to insert the new row and click the Insert Row button on the standard toolbar		
	d. All of the above		
Q4	Give 5 points with respect to importance of Business Analytics.	**5**	**CO1**
Q5	Name the stepwise process of Business Analytics	**5**	**CO2**
Q6.	Name the variables used in Business Analytics	**5**	**CO1**
	SECTION B		
Q7	What is Digital Power Plant? How it can be implemented with a suitable example ?	**10**	**CO2**
Q8	What were the key challenges and trade-offs involved in IT implementation in power sector? Or Explain PPP model. How it can be implemented in Power Distribution Sector	**10**	**CO2**
Q9	Explain any one of the SAP modules.	**10**	**CO3**
Q10	What is Decision Tree? Explain with a suitable example Or What are the technological challenges of IoT?	**10**	**CO3**
Q11	What is GIS? How GIS can be applied in power sector Or Critically evaluate the success and failure of ERP. Define the various application components of ERP	**10**	**CO4**
SECTION-C			
1. Each Question carries 20 Marks.			

Obtain regression equation of Y on X and estimate Y when X=55 from the following.

X	40	50	38	60	65	50	35
Y	38	60	55	70	60	48	30

20 CO4