

UNIVERSITY OF PETROLEUM AND ENERGY STUDIES**End Semester Examination, May 2022****Course: Cognitive Analytics****Semester: 8****Program: B.Tech CSE BAO****Course Code: CSDV 4004****Time: 03 hrs.****Max. Marks: 100****Instructions:****SECTION A
(5Qx4M=20Marks)**

S. No.		Marks	CO
Q 1	Describe the features of Cognitive Computing.	4	CO1
Q2	Explain Semantic Web.	4	CO2
Q 3	Elaborate the types of Big Data .	4	CO2
Q 4	Explain the difference between Paas and Iaas model.	4	CO3
Q 5	Identify the certain barriers for the adoption of IBM Watson analytics.	4	CO3

**SECTION B
(4Qx10M= 40 Marks)**

Q 6	Explain Hypothesis generation and scoring.	10	CO1
Q 7	Explain NLP architecture.	10	CO2
Q 8	Discuss the Hadoop ecosystem.	10	CO2
Q 9	Highlight the four stages of maturity in analytics.	10	CO3

**SECTION-C
(2Qx20M=40 Marks)**

Q 10	Explain the data mesh platforms.	20	CO2
Q 11	Illustrate the foundations of cognitive computing for smarter cities	20	CO3