UPES

UNIVERSITY OF PETROLEUM AND ENERGY STUDIES

End Semester Examination, May 2018

Program: BTech CSE   Semester – 2
Subject (Course): IT Applications and Open Standards   Max. Marks   : 100
Course Code   : CSOS1002   Duration   : 3 Hrs
No. of page/s: 2

Instructions: Attempt all questions from **Section-A** (each question carrying *4 marks*); **Section-B** (each question carrying *8 marks*) and **Section-C** (each question carrying *20 marks*)**.**

	SECTION-A (5 x 4 = 20)	
1	What is open standards? Write the benefits of open standards?	CO1
2	What do you understand by open standards in enterprise application? Write its three advantages?	CO2
3	Explain the following:	CO3
	a. Generic Standards	
	b. Specific Standards	
4	Explain development and adoption of vertical standards?	CO3
5	Explain the components of Healthcare Information Technology?	CO3
	SECTION-B (5 x 8 = 40)	
6	What id HL-7? Explain the types of HL-7?	CO3
7	What is the full form of OASIS? Explain the structure, governance, standards work products and approval process of OASIS?	CO1
8	Explain characteristics of different standards setting organizations?	CO1
9	Explain the following [Any Two]	CO2
	a. SOAP	
	b. WSDL	
	c. UDDI	
10	What do you understand by open standards in application integration? Explain it categories? **Or**	CO2
	Explain the following (Any two)	
	a. Mash-up	
	b. Web2.0	
	c. IBM WebSphere application server	
	SECTION-C (2 x 20 = 40)	
11	Explain the following (*Any Four*)	CO4
	a. Inventory	

	b. Ordering	
	c. Workforce	
	d. CRM	
	e. POS	
12	Explain the framework of ACORD? **Or**	CO5
	What information is required for insurance vertical and how IT help to it?	

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	SECTION-A (5 x 4 = 20)	
1	Explain client-server model with specific behavior pattern	CO1
2	What is Enterprise Application Integrator?	CO2
3	Explain the role of IT in healthcare vertical?	CO3
4	Write name of at least 8 applications of HIT?	CO3
5	Explain the components of Healthcare Information Technology? CO3	CO3
	SECTION-B (5 x 8 = 40)	
6	How "Information exchange network" represent HIT? ?	CO3
7	What is open standards? What are the benefits of open standards?	CO1
8	What are the types of governance process? CO1	CO1
9	Explain the following [Any Two]	CO2
	a. SOAP	
	b. WSDL	
	c. UDDI	
10	What do you understand by open standards in enterprise application? List out its advantages? Or	CO2
	Explain the following (Any two)	
	a. Mash-up	
	b. Web2.0	
	c. IBM WebSphere application server	
	SECTION-C (2 x 20 = 40)	
11	Explain ARTS data warehouse model?	CO4
12	What is ACORD? Explain in 500 wards? Or	CO5
	What information is required for insurance vertical, and how IT helps to it?	