UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
End Semester Examination, December 2021
Course: Open source and open standards
Semester: IX
Program: B.Tech LLB (CL)   Time 03 hrs.
Course Code: CSOS1001   Max. Marks: 100

SECTION A

1. Each Question will carry 2 Marks
2. Instruction: Complete the statement / Select the correct answer(s)

S. No.		Marks	CO

Q 1	The users must agree to the_____ terms and agreements when they use an open source software.
	  a) Programmer
	  b) License
	  c) System
	  d) Community
		2	CO1

Q.2	The term FLOSS is associated with:
	  a) Non open source software
	  b) Open source software
	  c) Proprietary Software
	  d) None of these
		2	CO2

Q.3	In 1969 AT&T laboratories developed _____ which supported and worked on different platforms.
	  a) Linux
	  b) Unix
	  c) Ubuntu
	  d) Windows
		2	CO2

Q.4	A guideline for the OSS licenses other than the GPL.it provides an objective view of management problems.
	  a) OSI
	  b) OSE
	  c) OSD
	  d) OSL
		2	CO2

Q.5	An OSS for communication purpose.
	  a) Drupal
	  b) ZenCart
	  c) Virtue Mart
	  d) Pidgin
		2	CO1

SECTION B

1. Each question will carry 5 marks
2. Instruction: Write short / brief notes

Q.6	Can Open Source software be used for commercial purposes?	5	CO3
Q.7	We can combine open source and open standards. Justify the statement.	5	CO1
Q.8	What is the meaning of Permissive Open Source license?	5	CO2
Q.9	Write down the principles of Open Standards.	5	CO1

SECTION-C

1. Each Question carries 10 Marks.
2. Instruction: Write long answer.

Q.10	What is Partitioning in hard drive? Why do we need multiple partitions? How many partition fields we have? Name them.	10	CO2
Q.11	Describe the following terms: (a) Kernel (b) Hardware (c) System Calls (d) Programs	10	CO1

SECTION-D

1. Each Question carries 25 Marks.
2. Instruction: Write very long and case study based answers.

Q.12	Suppose a company is developing closed source software and now they decided to switch to open source software. Why is it required for them to adopt open source? Also name the different drivers for open source adoption.	25	CO4
Q.13	"In India, open source code software will have to come and stay in a big way for the benefit of our billion people". Support these lines of former President A.P.J. Abdul Kalam by stating two suitable examples?	25	CO3