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**Enrolment No:** 



## UNIVERSITY OF PETROLEUM AND ENERGY STUDIES End Semester Examination, December 2018

Course Business Computing Programme: BBA LM

Time: 03 hrs.

Semester: I Code: DSIT 1001 Max. Marks: 100

**Instructions:** As per sections

## **SECTION A**

	Attempt all questions	Marks	CO
Q 1	Mark True/False (T/F) for the following	10	1
a)	If network user can open files, but they cannot make changes to those files, they have read only access.	1	1
b)	On a network, data is transmitted in small groups called packets		1
c)	You do not need a modem to connect a computer to an analog telephone line.		1
d)	An intranet can be accessed by anyone over an Internet connection.	1	1
e)	A web page is an example of an hypertext document.		1
f)	A label is any number that you enter or any number that results from a computation.	1	1
g)	Before you can display a presentation, you must it out and convert the hard copy into transparencies for use on a projector.	1	1
h)	New computers understand human language, so machine language is not necessary.	1	1
i)	A conditional statement is a test that determines what a program should do next	1	1
j)	A typical screen resolution is 72 pixels per inch.		1
Q 2	Multiple Choice questions	10	1
a)	A computer program is a collection of, which are carried out by computer's CPU		1
	a) Instructions b) Loops	2	
	c) Languages d) Neither of these		
b)	Most word processors feature one or more, which provide tools to resemble buttons	2	1

	a) Menu bars b) Tool bars		
	c) Status bars d) Pages		
c)	The internal structure of World wide web is based on		1
	a) hypertext markup language b) hypertext transfer protocol	2	
	c) Uniform resource locator d) All of these		
d)	The abbreviation bps stands for		1
	a) bytes per second b) bits per second	2	
	c) bandwidth per second d) bill per second		
e)	Initially, the operating system was geared towards use in telecommunications systems	n	1
	a) Linux b) UNIX	2	
	c) MS-DOS d) Windows		
	SECTION B		
	Attempt any four questions	20	
Q3	What are the various ways of acquiring software?	5	2
Q4	What are the common network types?		2
Q5	What are the various digital data connections?		1
Q6	Explain TCP/IP. What are the two kinds of internet addresses?		2
Q7	What is the full form of SPSS? How do we paste SPSS syntax?		1
	SECTION-C		
	Attempt any three questions	30	
Q8	What are the various types of network topologies? Show diagrammatically.	10	3
Q9	What is structured programming and object oriented programming? How do programs solve problems?		3
Q10	What are the various types of information systems?		2
Q11	What are the security threats to users, hardware and data?	10	2
	SECTION-D	•	
	Attempt all questions	30	
Q12	Write a JavaScript program to find the area of a triangle where lengths of the three of	15	4

Q13	What are the various phases of Systems Development Life Cycle? What are the ways	15 4	4
	of SDLC conversion?	15	4