

Name:	
Enrolment No:	

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

Course: Business Computing **Semester: I**
Programme: B Com(Hons), B. Com (Hons- Taxation), B. Com (Hons- Banking Management and Insurance)
Time: 03 hrs. CC-DSIT1002 **Max. Marks: 100**
Instructions:

SECTION A

S. No.		Marks	CO
Q 1	It's mandatory to answer all the objective questions?	20	
	1. Identify the type of client computers used in a client server system ? a. Mainframe b. Mini-computer c. Microcomputer d. PDA	1	CO1
	2. Can Computer can work without Hardware? a. True b. False	1	CO1
	3. Modern operating systems use a _____ interface which allow pointing devices like a mouse. a. line-oriented b. text-based c. windows-based d. graphical user	1	CO1
	4. Compiler is a Hardware a. True b. False	1	CO1
	5. Central Processing Unit is made up of a. Control and Input Unit b. Control and Output Unit c. Arithmetic and Control Unit d. Arithmetic, Logic and Control Unit	1	CO1
	6. For years 2010 to 2015, the computers produced and shipped in highest quantity were _____. (Note: All the choices represent a kind of computer). a. Desktop computers b. Laptop Computers c. Tablets d. Both a and b	1	CO1
	7. Identify the Odd one a. Operating system b. Interpreter c. Compiler	1	CO1

	d. Assembler		
	8. ROM temporarily holds the data and instructions? a. True b. False	1	CO1
	9. An Interpreter is a _____ software. a. System b. Application c. Customised d. Both a and b	1	CO1
	10. Identify which of the following is not an operating system? a. Windows 95 b. Mac OS c. UNIX d. Crome	1	CO1
	11. In this topology there is a central controller or hub a. Star b. Mesh c. Ring d. Bus	1	CO1
	12. Data communication system within a building or campus is a. LAN b. WAN c. MAN d. None of the mentioned	1	CO1
	13. The entire hostname has a maximum of a. 255 characters b. 127 characters c. 63 characters d. 31 characters	1	CO1
	14. In Uniform Resource Locator (URL), path is pathname of file where information is a. Stored b. Located c. to be transferred d. Transferred	1	CO1
	15. Hypertext Markup Language (HTML) is a language for creating a. Networks b. Webpages c. Protocols d. All of the Above	1	CO1
	16. URL stands for a. Uniform Resource Loader b. Uniform Resource Line c. Uniform Resource Locator d. Uniform Reading Loader	1	CO1

	17. What is the advantage of using SPSS over calculating statistics by hand? a. It equips you with a useful transferable skill. b. It reduces the chance of making errors in your calculations. c. Many researchers use SPSS as it is a recognised software package. d. All the above	1	CO1
	18. In SPSS, what is the "Data Viewer"? a. A table summarizing the frequencies of data for one variable. b. A spreadsheet into which data can be entered. c. A dialog box that allows you to choose a statistical test. d. A screen in which variables can be defined and labelled.	1	CO1
	19. Which of the following is a correct format of Email address? a. name@website@info b. name@website.info c. www.nameofebsite.com d. name.website@com	1	CO1
	20. In internet terminology IP means a. Internet Provider b. Internet Protocol c. Internet Procedure d. Internet Processor	1	CO1

SECTION B

Q 2	Computer communication is an important aspect in information technology. Computers commonly communicate through a computer network. Answer the following questions: a. What is Network? (2 Marks) b. Illustrates any three benefits of network. (2 Marks) c. What is topology (1 Marks)	5	CO2
Q 3	Explain the following terms: a. WWW b. Internet c. URL d. IP Address e. Web Browser	5	CO1
Q 4	What do you mean by internet? How was the growth of internet impacted the society?	5	CO2
Q 5	What is operating System? Briefly discusses the functions of the operating system?	5	CO2

SECTION-C

Q 6	Differentiate between the following terms	10	CO2
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	<ul style="list-style-type: none"> a. Bit and byte b. Application and system software c. RAM and ROM d. Primary and Secondary storage e. Machine and Assembly language 		
Q 7	<p>a) Discuss the syntax of any three statistical functions in MS Excel. Explain these functions with example? (6 Marks)</p> <p>b) What are the various types of graphs in MS-Excel (Min 4)? Explain the steps for creating a graph in a worksheet (4 Marks)</p>	10	CO3
Q 8	<p>a) Write and HTML code to accept input from a user for registration a business computing course portal. The required inputs First name, Last name, Age, Gender, Contact Number. (5 Marks)</p> <p>b) What do you mean by software? Distinguish hardware and software (5 Marks)</p>	10	CO4
SECTION-D			
Q 9	<p>a) Using a well-labeled diagram, show the 5 basic components of a computer system and how these components interact amongst themselves by indicating the flows between the components. (10 Marks)</p> <p>b) Explain Information processing cycle? What are the essential hardware used to process information? Discuss in brief? (5 Marks)</p>	15	CO3
Q10	With the aid of diagrams, illustrates and three commonly used topologies and state at least 4 advantages and disadvantages of each.	15	CO3

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SECTION A

S. No.		Marks	CO
Q 1	It's mandatory to answer all the objective questions?	20	
	21. _____ is not a font style? a. Bold b. Subscript c. Italic d. Regular	1	CO1
	22. HTML stands for _____? a. Hyper Text Makeup Language b. Hyper Text Markup Language c. Hyper Text Make Language d. None of the above	1	CO1
	23. Modern operating systems use a _____ interface which allow pointing devices like a mouse. a. line-oriented b. text-based c. windows-based d. graphical user	1	CO1
	24. Compiler is a Hardware a. True b. False	1	CO1
	25. Central Processing Unit is made up of a. Control and Input Unit b. Control and Output Unit c. Arithmetic and Control Unit d. Arithmetic, Logic and Control Unit	1	CO1
	26. For years 2010 to 2015, the computers produced and shipped in highest quantity were _____. (Note: All the choices represent a kind of computer). a. Desktop computers b. Laptop Computers c. Tablets d. Both a and b	1	CO1
	27. Identify the Odd one a. Operating system	1	CO1

	<ul style="list-style-type: none"> b. Interpreter c. Compiler d. Assembler 		
	<p>28. ROM temporarily holds the data and instructions?</p> <ul style="list-style-type: none"> a. True b. False 	1	CO1
	<p>29. An Interpreter is a _____ software.</p> <ul style="list-style-type: none"> a. System b. Application c. Customised d. Both a and b 	1	CO1
	<p>30. In a Power Point Presentation</p> <ul style="list-style-type: none"> a. Movie clips can be inserted but not sound clips b. Sound clip can be inserted but not Movie clip c. Both can be inserted d. Only Movie clips 	1	CO1
	<p>31. In this topology there is a central controller or hub</p> <ul style="list-style-type: none"> a. Star b. Mesh c. Ring d. Bus 	1	CO1
	<p>32. Data communication system within a building or campus is</p> <ul style="list-style-type: none"> a. LAN b. WAN c. MAN d. None of the mentioned 	1	CO1
	<p>33. World Wide Web is being standard by</p> <ul style="list-style-type: none"> a. World Wide Corporation b. W3C c. World Wide Consortium d. World Wide Web Standard 	1	CO1
	<p>34. In Uniform Resource Locator (URL), path is pathname of file where information is</p> <ul style="list-style-type: none"> a. Stored b. Located c. to be transferred d. Transferred 	1	CO1
	<p>35. Which protocol provides e-mail facility among different hosts?</p> <ul style="list-style-type: none"> a. FTP b. SMTP c. TELNET d. SNMP 	1	CO1
	<p>36. To start the slideshow presentation</p> <ul style="list-style-type: none"> a. Press F5 key b. From Slide Show tab choose start from beginning option c. From Slide Show menu choose Rehearse timing 	1	CO1

	d. Both A and B		
	37. What is the advantage of using SPSS over calculating statistics by hand? a. It equips you with a useful transferable skill. b. It reduces the chance of making errors in your calculations. c. Many researchers use SPSS as it is a recognised software package. d. All the above	1	CO1
	38. In SPSS, what is the "Data Viewer"? a. A table summarizing the frequencies of data for one variable. b. A spreadsheet into which data can be entered. c. A dialog box that allows you to choose a statistical test. d. A screen in which variables can be defined and labelled.	1	CO1
	39. Which of the following is a correct format of Email address? a. name@website@info b. name@website.info c. www.nameofebsite.com d. <u>name.website@com</u>	1	CO1
	40. Loading OS onto RAM is called a. Booting b. Loading c. Processing d. None of the above	1	CO1

SECTION B

Q 2	Differentiate between star topology, bus topology and mesh topology.	5	CO2
Q 3	a. How we can apply smart art in our word document? Briefly explain. (1 Marks) b. Explain the given terms. (4 Marks) I. Font style II. Format Painter III. Margins IV. Slide show	5	CO2
Q 4	What do you mean by internet? How was the growth of internet impacted the society?	5	CO2
Q 5	What is operating System? Briefly discusses the functions of the operating system?	5	CO2

SECTION-C

Q 6	Using a well-labeled diagram, show the 5 basic components of a computer system and how these components interact amongst themselves by indicating the flows between the components.	10	CO3
Q 7	a) Discuss the syntax of any three statistical functions in MS Excel. Explain these functions with example? (6 Marks) b) What are the various types of graphs in MS-Excel (Min 4)? Explain the steps for creating a graph in a worksheet (4 Marks)	10	CO3

Q 8	<p>a) Write and HTML code to accept input from a user for registration a business computing course portal. The required inputs First name, Last name, Age, Gender, Contact Number. (5 Marks)</p> <p>b) What do you mean by software? Distinguish hardware and software (5 Marks)</p>	10	CO4
SECTION-D			
Q 9	<p>a. Differentiate between: (12 Marks)</p> <p>I. Hardware and Software II. Compiler and Interpreter III. Assembly Language and Machine Language IV. Hyperlink and Bookmark</p> <p>b. Briefly explain LAN, MAN and WAN. (3 Marks)</p>	15	CO2
Q10	With the aid of diagrams, illustrates and three commonly used topologies and state at least 4 advantages and disadvantages of each.	15	CO3