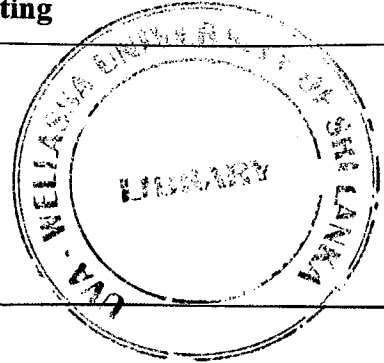


Uva Wellassa University of Sri Lanka
Faculty of Science and Technology
Department of Computer Science and Technology
Industrial Information Technology Degree Programme
End Semester Examination –September/October 2015
IIT 342-2 Computer Based Accounting



Instructions to candidates:

No. of Pages : Four (04)
No. of Questions : Four (04) Essay
Time allocation : Two (02) Hours
Mark allocation : 100 Marks
Answer all questions



01.

i. Explain practical business usage of any three (03) chart types available in MS Excel.

(06 Marks)

ii. State the meaning of following errors that may appear in a excel spreadsheet.

i. #####

ii. #NAME?

iii. #VALUE!

(1 x 3 = 03 Marks)

iii. Excel pivot tables are very useful and powerful feature of MS Excel. They can be used to analyze data quickly. Explain distinct features of excel pivot tables? (04 Marks)

iv. There are multiple ways to calculate Net Present Value (NPV) in MS Excel. State the simplest way of calculating NPV for a given data set in a excel spreadsheet? (02 Marks)

v. Write formula for the operations (A) – (E) based on the spreadsheet given below along with the relevant cell addresses:

Columns →

R o w s ↓		A	B	C	D	E	F	G	H
	1	Name	Subjects				Total Marks	Average	Grade
	2		Mathematics	English	Science	Commerce			
	3	Alex	75	69	68	85			
	4	Brian	85	66	69	95			
	5	Christopher	84	93	59	88			
	6	Christina	82	96	80	90			
	7	Jhon	28	35	42	80			
	8	Kate	72	76	58	49			

- A. To calculate the Total Marks as sum of Mathematics, English, Science and Commerce for each student and display them in column F
- B. To calculate the average marks for each student and display them in column G
- C. To obtain the grades on average marks for each student and display them in column H
(Grading information given in Table 1)

Table 1

Grade	Marks Range
A	100-90
B	89-70
C	69-50
D	49-30
F	29-0

- D. To calculate the highest marks in Commerce and display it in cell E10
- E. To calculate the total number of students appearing for the Science test and display it in cell C10

(2 x 5=10 Marks)
(Total Marks-25)



02.

i. What are the information available in the "Home Page" of a company created in QuickBooks Enterprise Solutions 2015? (05 Marks)

ii. Briefly explain the information stored in following centers of QuickBooks Enterprise Solutions 2015

- a) Customer center
- b) Vender Center
- c) Employee Center

(3x3=09 Marks)

iii. State five (05) reports which you can generate in QuickBooks Enterprise Solutions 2015

(05 Marks)

iv. Write down the steps that you have to follow when you perform the following activities with QuickBooks Enterprise Solutions 2015

- a) To create a purchase order
- b) To create a long term debt account
- c) To create an inventory part item

(2 x 3 = 06 Marks)

(Total Marks-25)

03.

i. Describe the basic functions performed by an Accounting Information System (AIS).

(7 Marks)

ii. Briefly explain the differences between manual accounting system and computer based accounting system.

(8 Marks)

iii. Explain the role playing by the Accounting Information Systems (AIS) in a company's value chain. Discuss the ways that the AIS can add value to a business.

(10 Marks)

(Total Marks-25)

04.

i. What role does the data processing cycle play in organizing business activities and providing information to users? (8 Marks)

ii. Briefly explain the actions that you can be taken to improve the accuracy and efficiency of data input. (8 Marks)

iii. Briefly explain the followings with a suitable example for each.

- a) Coding techniques
- b) Data processing systems
- c) Transaction

(3 x 3 = 9 Marks)
(Total Marks-25)