EASTERN UNIVERSITY, SRI LANKA
FACULTY OF COMMERCE AND MANAGEMENT

THIRD YEAR SECOND SEMESTER EXAMINATION IN BACHELOR OF COMMERCE /
BACHELOR OF COMMERCE (SPECIALIZATION IN ACCOUNTING AND FINANCE /
ENTERPISE DEVELOPMENT) 2013 / 2014 (SEPTEMBER / OCTOBER 2016)
(PROPER/ REPEAT)

DAF 3084 COMPUTER APPLICATION FOR ACCOUNTING

Number of pages: 06　　　　　　　　　　　　　　　　　**Time 3:00 Hours**

Answer All Questions in Part I using Microsoft Office Excel 2007 / 2013

Answer All Questions in Part II using QuickBooks Pro Plus 2011

Part I

01. The following trial balance was extracted from the books of Regal as at 31st December 2015.

Details	Debit Rs.'000	Credit Rs.'000
Drawings / Capital	4,296	40,542
Debtors / Creditors	15,378	10,924
Purchases / Sales	124,202	163,484
Rent and Rates	1,760	
Electricity	492	
Salaries and Wages	16,536	
Bad Debts	494	
Provision for doubtful debts as at 31/12/2014		652
Stock in trade as at 31/12/2014	18,548	
Insurance	344	
General Expenses	1,866	
Bank Balances	3,164	
Motor vans at cost / Depreciation provision as at 31/12/ 2014	16,000	7,700
Motor Expenses	1,722	
Land and building at cost / Depreciation provision as at 31/12/2014	30,000	10,000
Rent Received		1,500
	234,802	234,802

The following matters are to be taken in to accounts.

i. Stock in trade as at 31st December 2015 Rs. 19,768,000

ii. Rates paid in advance as at 31st December 2015 Rs.80,000

iii. Rent Receivable as at 31st December 2015 Rs.500,000

iv. Electricity due as at 31st December 2015 Rs.170,000

v. Provision for doubtful debts is to be increased to Rs. 776,000

vi. Depreciation is to be charged on vans at the annual rate of 20% at cost.

vii. Depreciation on building by Rs.1,000,000

Required:

Create a model to extract the Income Statement for the year ended 31st December 20
and Statement of Financial Position as at 31st December 2015 [Use the maximu
formulas (lookup, etc.) and proper financial statement structures].

(20 Mark

02. i. A student recently completed his Bachelor of Commerce degree. He is very interest
start a business. He is planning to take a loan from a bank. His capacity to p
monthly installment including interest is Rs.10,000 per month up to 3 years.

How much will he borrow from a bank when interest rate is 16%?

(05 Mark

ii. An Accountant observed that a bookkeeper takes a lot of time for checking travel
claim vouchers. Therefore, he requests to prepare a model in Excel to calcula
travelling claim. Following information is given to you.

Travelling claim (allowance)

Less than 6 hours   No payment
6 hours   - Less than 12 hours   : Rs.250
12 hours - Less than 24   : Rs.500
One day (24 hours)   : Rs.625

Name	Departure		Arrival	
	Date	Time	Date	Time
Harish	08/05/2016	04:20	10/05/2016	07:15
Ravi	11/06/2016	14:00	14/06/2016	18:00
Ismail	19/08/2016	09:00	20/08/2016	08:00

(10 Mark

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iii. Consider the following cash flows.

Date	Cash Flows
12/25/2012	-3,000
1/11/2013	600
4/7/2014	1,700
7/15/2015	2,300

If the annual interest is 14.5%, what is the NPV of these cash flows?

(05 Marks)

(Total 20 Marks)

03. i. Enter the below data in the Excel new sheet.

Date	Salesman	Province	Product	Units	Price/ Unit
25/01/2016	Bandara	Western	Pepsii	2,000	33
14/02/2016	Ganesh	Eastern	Fantaa	3,500	34
16/03/2016	Kapil	Central	Portloo	1,800	31
05/04/2016	Bandara	Western	Pepsii	2,300	33
09/05/2016	Kapil	Eastern	Portloo	2,150	31

Create a pivot table and extract data based on sales by Product, sales by Province, and sales by Quarter in each sheet.

(10 Marks)

ii. A company is contemplating purchasing a new mass storage unit for its computer facility. It is expected to cost Rs.200,000. Further, the company estimates Rs.20,000 as maintenance cost for each year of its operation. Owing to the rapid technological development in the computer industry, the company anticipates using the current model for 5 years only and then selling it for Rs.40,000. The projected gross cash inflows from the proposed investment projects are as follows for the each year of operation:

Year	Gross Cash inflows (Rs.)
1	50,000
2	80,000
3	100,000
4	80,000
5	60,000

Assuming the company uses the straight line method of depreciation, the company's required rate of return is 12% and its ordinary tax rate is 55%, advise whether the project should be accepted or rejected.

(10 Marks)

(Total 20 Marks)

Part II

An institute conducts three courses (Institute's name: Your index number). Trial balance of the institute as at 31st August 2015 is given below.

Details	Rs.	Rs.
Cash in hand	57,000	
National Bank Account	144,000	
Accounts Receivable	13,000	
Building Advance	150,000	
Computer	115,500	
Furniture	250,000	
Photocopier	75,000	
Accrued Lecture fee for Course 1		20,000
Accrued rent		18,000
Capital		739,500
Net Income		27,000
	804,500	**804,500**

Accounts receivables as at 31.08.2015

	Rs.
Piranisha	9,000
Ishara	4,000
	13,000

Following transactions were occurred during September 2015 to August 2016.

03/09/2015 received arrears cash from following students

Piranisha	Rs.9,000
Ishara	Rs.4,000

06/09/2015 deposited Rs.25,000 in National Bank.

15/09/2015 paid Rs.5,000 to Alleviation printers for banner printing by National Bank cheque no. 55531.

20/09/2015 paid Rs.4,800 to Athavan Printers for printing hand bills.

26/09/2015 paid Rs.5,700 as a salary to marketing people.

01/10/2015 received cash from following students for Course 1.

Ramani	Rs.25,000
Kamal	Rs.25,000
Haran	Rs.15,000
Suresh	Rs.20,000

Received cash from above students was deposited at National Bank.

06/10/2015 paid telephone bill Rs.3,000 by National Bank cheque no. 55532.

16/10/2015 He started Course 2 and received cash from following students.

Kumar	Rs.23,000
Piranisha	Rs.23,000
Ishara	Rs.9,000

18/10/2015 paid accrued lecture fee and rent.

27/10/2015 paid lecture fee through National Bank Rs.14,000 and Rs.7,000 for Course 1 and Course 2 respectively (cheque no. 55533, 55534).

10/11/2015 bought pen, pencil and marker Rs.1,300.

12/01/2016 paid royalty Rs.5,000 to ABC institute.

05/02/2016 bought 4 paper reams each Rs.450

12/04/2016 He started Course 3 by spending Rs.5,500 as advertisement expenditure. Course fee per subject is Rs.4,000. Following students paid course fee according to their choice of subjects.

Name	Number of subject
Kanthan	2
Ramani	3
Nerupa	3
Nimal	2

15/04/2016 Received course fee on 12th of April 2016 deposited at National Bank.

17/05/2016 Lecture fee is paid by National Bank cheque.

Course 1	Rs.10,000 cheque no. 55535
Course 2	Rs.6,000 cheque no. 55536
Course 3	Rs.7,500 cheque no. 55537

19/06/2016 paid electricity Rs.6,000 by National Bank cheque no. 55538.

22/08/2016 Bought computer Rs.45,000

Additional information

a. He pays monthly rent Rs.6,000 following first day of each month by National Bank cheque.

b. He pays salary Rs.10,000 for clerk end of each month by National Bank cheque.

c. Electricity payment for August is unpaid Rs.2,350.

d. Receivables

Haran	Rs.10,000 for Course 1
Suresh	Rs.5,000 for Course 1
Ishara	Rs.14,000 for Course 2

e. Depreciations of noncurrent assets are given below for 2016.

Computer	25,500
Furniture	25,000
Photocopier	7,500

f. The institute received Bank statement from National Bank for period from September 2015 to August, 2016 which is given below

Date	Details		Debit	Credit	Balance
01.09.2015	Balance			144,000	144,000
06.09.2015	Deposit			25,000	169,000
18.09.2015		55531	5,000		164,000
01 10 2015	Deposit			85,000	249,000
06.10.2015		55532	3,000		246,000
28.10.2015		55533	14,000		232,000
30.10.2015		55534	7,000		225,000
31.10.2015	Bank charge		500		224,500
15.04.2016	Deposit			40,000	264,500
19.05.2016		55535	10,000		254,500
24.05.2016		55536	6,000		248,500
25.05.2016		55537	7,500		241,000
26.06.2016	BC institute (Royalty)			10,000	251,000
30.08.2016	Bank charge		500		250,500

You are required to

i. Enter all information in QuickBooks 2011 by using courses as class option.

ii. Reconcile National Bank account with Bank Statement as at 31st August 2016.

iii. Export to Excel

    a. Bank Reconciliation statement

    b. Profit and Loss A/c year ended 31st August 2016

    c. Balance sheet as at 31st August 2016

    d. Cash flow statement year ended 31st August 2016

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