Name: ..

SECOND YEAR HIGHER SECONDARY EXAMINATION, MARCH 2020

Part - III

ACCOUNTANCY WITH COMPUTERISED ACCOUNTING

Maximum: 60 Scores

Time: 2 Hours

Cool-off time: 15 Minutes

General Instructions to Candidates:

- There is a 'Cool-off time' of 15 minutes in addition to the writing time.
- Use the 'Cool-off time' to get familiar with questions and to plan your answers.
- Read questions carefully before answering.
- Read the instructions carefully.
- Calculations, figures and graphs should be shown in the answer sheet itself.
- Malayalam version of the questions is also provided.
- Give equations wherever necessary.
- Electronic devices except non-programmable calculators are not allowed in the Examination Hall.

വിദ്യാർത്ഥികൾക്കുള്ള പൊതുനിർദ്ദേശങ്ങൾ :

- നിർദ്ദിഷ്ട സമയത്തിന് പുറമെ 15 മിനിറ്റ് 'കൂൾ ഓഫ് ടൈം' ഉണ്ടായിരിക്കും.
- 'കൂൾ ഓഫ് ടൈം' ചോദ്യങ്ങൾ പരിചയപ്പെടാനും ഉത്തരങ്ങൾ ആസൂത്രണം ചെയ്യാനും ഉപയോഗിക്കുക.
- ഉത്തരങ്ങൾ എഴുതുന്നതിന് മുമ്പ് ചോദ്യങ്ങൾ ശ്രദ്ധാപൂർവ്വം വായിക്കണം.
- നിർദ്ദേശങ്ങൾ മുഴുവനും ശ്രദ്ധാപൂർവ്വം വായിക്കണം.
- കണക്ക് കൂട്ടലുകൾ, ചിത്രങ്ങൾ, ഗ്രാഫുകൾ, എന്നിവ ഉത്തരപേപ്പറിൽ തന്നെ ഉണ്ടായിരിക്കണം.
- ചോദ്യങ്ങൾ മലയാളത്തിലും നല്ലിയിട്ടുണ്ട്.
- ആവശ്യമുള്ള സ്ഥലത്ത് സമവാകൃങ്ങൾ കൊടുക്കണം.
- പ്രോഗ്രാമുകൾ ചെയ്യാനാകാത്ത കാൽക്കുലേറ്ററുകൾ ഒഴികെയുള്ള ഒരു ഇലക്ട്രോണിക് ഉപകരണവും പരീക്ഷാഹാളിൽ ഉപയോഗിക്കുവാൻ പാടില്ല.

ACCOUNTING

I.	An	iswer all questions fro	om 1 to 5. Eac	h carries 1 score.	$(5\times 1=5)$
1.	Th			rofit organisation as per the w	ill of a deceased
	(a)	Honorarium	(b)	Subscription	
	(c)	Legacy	(d)	Specific grant	
2.	(a)	Outstanding Salary of	of a firm, which	ch of the following liability wil	l be paid first ?
	(b)	Partners Loan			
	(c)	Partners Capital			
	(d)	Sundry Creditors			
3.	(a) (b) (c)	Interest on Partners I Interest on Partners C Interest on Partners C Commission to Partn	e to Partners at Loan Capital	8,000 during the year 2018-19 the end of this year?	9. Which among .
	(d)	Salary to Partners			
4.	Goo	dwill brought in by the	incoming part	ner in cash is credited to	
	(a)	Old Partners Capital	Account in Sac	rificing ratio	 •
	(b)	Old Partners Capital A	Account in nev	v ratio	
	(c)	New Partners Capital			
	(d)	New Partners Capital			
5.	20/0.	we time of reconstitution. What journal entry uation?	on of a firm the will be pas	ne value of Building is found sed for above adjustment v	appreciated by vith regard to
II.	Answ	ver any 4 questions fr	om 6 to 10. Ea	ach carries 2 scores.	$(4\times 2=8)$
6.	Siva regula	is a partner in Unite arly in the middle of e	d Tours and every month d	Travels. He withdraws ₹ 4,0 uring the year 2019. The rate ings for the year 2019.	00 per month
SY-5	50		. ==)	

- 7. Briefly explain any two circumstances which need for valuation of goodwill in a Partnership firm.
- 8. Do you think that there is a need for the revaluation of assets and liabilities of a firm on the retirement of a partner? Justify your answer.
- 9. Show how the following items will appear in the financial statement of a Not-for-Profit organisation:
 - (i) Cricket Match fund ₹ 40,00,000
 - (ii) Cricket Match Expenses ₹ 23,00,000
 - (iii) Donations received for conducting cricket matches ₹ 12,00,000
 - (iv) Sale of Cricket Match tickets ₹ 16,00,000
- 10. Enumerate any two rights acquired by a newly admitted partner of a firm.

III. Answer any 3 questions from 11 to 14. Each carries 3 scores. $(3 \times 3 = 9)$

- 11. Rejith is a partner in a firm. On 1st January 2017, his capital account balance was ₹ 2,20,000. As per partnership agreement a partner is entitled to 6% interest per annum on his capital. Rejith introduced additional capital ₹ 80,000 on 01-07-2017 and withdrew ₹ 50,000 on 1-10-2017. Calculate the interest on capital for the year ending 31st December 2017.
- 12/. State any three differences between dissolution of partnership and dissolution of firm.
- 13. The profit for the last five years of a firm were as follows:

Profit
62,000
58,000
84,000
78,000
80,000

Capital employed in the firm is ₹ 5,00,000. Calculate the value of goodwill on the basis of 3 years purchase of Super Profit, assuming that the normal rate of return on capital employed is 12%.

14. List out the various adjustments required in the accounts of a firm on retirement of a partner. (6 Points)

IV. Answer any 2 questions from 15 to 17. Each carries 5 scores.

 $(2 \times 5 = 10)$

15. Following is the Balance Sheet of Lekshmi, Priya and Deepa, who share profits and losses equally.

Balance Sheet of Lekshmi, Priya and Deepa as on 31/03/2017

Liabilities	Amount	A Try a and Deepa as	T
	Amount	Assets	Amount
Creditors	12,000	Cash at Bank	26,600
Reserve fund	36,000	Sundry Debtors	26,000
Capital :-		Stock	18,000
Lekshmi	29,200	Fixed Assets	65,000
Priya	29,200		
Deepa	29,200		
	1,35,600		1,35,600

Lekshmi died on 31st May 2017. According to the Partnership deed her legal representatives are entitled to:

- (1) Balance in the capital account and undistributed profit/loss.
- (2) Share of Goodwill under average profit method.
- (3) Share in the profit upto the date of death based on last year Profit.
- (4) Interest on capital @ 6% p.a.

The goodwill of the firm under average profit method is ₹ 42,000, and profit for the year 2016-17 ₹ 21,600. Calculate the amount payable to Lekshmi's legal representatives.

16. Sathy and Varsha are partners in a firm sharing profit and losses in the ratio of 3:1. Their Balance Sheet as on 1st January 2019 was as follows:

Balance Sheet of Sathy and Varsha as on 01-01-2019

Liabilities	Amount	Assets	Amount
Rent Outstanding Creditors General Reserve Capital: Sathy	3,000 18,000 10,000 2,00,000	Cash in hand Investment Stock	12,000 60,000 24,000
Varsha	60,000	Debtors 44,000 Less: Provision for 4,000 Bad debts	40,000
		Machinery Building	30,000 1,25,000
	2,91,000		2,91,000

SY-50

Suma is admitted into the firm with ¼ share in profits on the following terms :

- (1) Market value of Investment are to be taken at ₹ 70,000.
- (2) Buildings were found undervalued by ₹ 4,000.
- (3) Stock is revalued at ₹ 26,000.
- (4) It was found that creditors included a sum of ₹ 3,000 which was not to be paid.
- (5) Machinery is to be depreciated by 10%.

Prepare Revaluation Account.

- 17. Write any five differences between Receipts and Payments Account and Income and Expenditure Account.
- V. Answer any 1 question from 18 and 19, which carries 8 scores.

 $(1 \times 8 = 8)$

18. Following is the Receipts and Payments Account of Madras Sports Club for the year ending 31st March 2019.

Receipts and Payments Account for the Year ending 31-3-2019

Receipts	Amount	Payments	Amount
Balance b/d		Salaries	88,000
Cash	7,300	Printing & Stationery	9,320
Bank	14,400	Sports Expenses	96,100
Subscription	3,53,900	Electricity charges	4,380
Donations	60,000	Rent	7,600
Entrance Fees	24,200	Entertainment Expenses	1,600
Locker rent	8,500	Investment (31-3-2019)	2,10,000
		Balance c/d Cash	9,300
		Bank	42,000
	4,68,300		4,68,300

Additional Information:

- (1) Subscription outstanding during 2018-19 amounted ₹ 26.000.
- (2) Salary outstanding for the year 2018-19 amounted ₹ 8,000.
- (3) Entrance fees and Donation should be capitalised.
- (4) The stock of stationery as on 31-03-2019 is valued at ₹ 800.
- (5) Depreciation is to be charged @ 10% p.a. on Sports equipments.
- (6) On 1st April 2018 other balances were as under:

Land and Building ₹ 1,20,000

Sports Equipments ₹ 18,000

Library Books ₹ 10,000

Prepare Income & Expenditure Account for the year ended 31st March 2019 and Balance Sheet as on that date.

Manu and Manoj are partners, who share profit in the ratio of 2:1. Following is the Balance Sheet as on 31st March 2018.

Balance Sheet of Manu and Manoj as on 31-3-2018

Liabilities	Amount	Assets	Amount
Sundry Creditors	48,000	Cash and Bank	40,000
General Reserve	30,000	Stock	60,000
Capital:		Sundry Debtors	78,000
Manu	1,40,000	Land and Building	1,00,000
Manoj	80,000	Furniture	20,000
	2,98,000		2,98,000

On a dispute between the partners they decided to dissolve the firm on the following terms:

- (1) Realisation expenses amounted to ₹ 4,000.
- (2) Debtors realised at a discount of 5%.
- Stock realised at ₹ 50,000. (3)
- (4) Fixed Assets realised –

Land & Building ₹ 1,40,000

Furniture

₹ 18,000

	(3)	There was an unrec	corded assets of ₹ 5,0	00, which was taken over by	Manu.
	(6)	Creditors are paid i	n full.		
		Prepare necessary l	edger accounts to clo	se the books of firm.	
			PART – I	3	(Scores : 20)
		CC	OMPUTERISED AC	CCOUNTING	
VI.	Ans	wer all questions fr	om 20 to 22. Each ca	arries 1 score.	$(3\times 1=3)$
20.	The	Code CS101, CS102	2, CS103 for custome	rx, y and z is an example of	code.
	(a)	Mnemonic	(b)	Sequential	
	(c)	Block	(d)	None of these	
21.	Whi	ich of the following i	s not a component of	Payroll statement ?	
	(a)	D.A.	(b)	D.B.	
	(c)	H.R.A.	(d)	P.F.	
22.	The	tool used to connect	two tables in Libre C	Office Base.	

(a)

(c)

Report

Form

(b)

(d)

Queries

Relationship

VII. Answer any 3 questions from 23 to 26. Each carries 2 scores:

 $(3\times 2=6)$

23. Discuss any two security features of Computerised Accounting System.

Date Passenal Die

24. The details of sales is given below in the following spread sheet:

	A	В	C	D
1	Code	Name of Salesmen	Sales	Commission
2	101	Praveen	62000	?
3	102	Jaffar	74000	
4	103	Johny	68000	
5		Total Sales	?	

Write the formula to calculate:

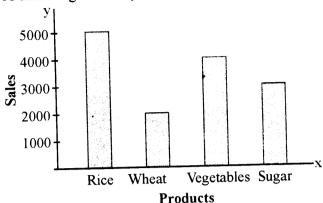
- (a) Total Sales in cell C5.
- (b) 10% Sales Commission to Praveen in cell D2.
- 25. Name the system generated ledger accounts in GNUkhata.
- 26. List out any four "data types" available in "Libre Office Base".

VIII. Answer any 2 questions from 27 to 29. Each carries 3 scores.

 $(2 \times 3 = 6)$

- 27. Arun Traders took a loan of ₹ 1,00,000 for 24 months from SBI @ 12% interest for that period.
 - (a) Identify the financial function used for preparing loan repayment schedule in calc.
 - (b) Give its Syntax and explain its parameters.

28. A chart is given for you.



- (a) Identify the name of above chart type.
- (b) Briefly explain any two advantages of preparing charts.
- 29. Write the different steps for creating a Table in Libre Office Base.
- IX. Answer any 1 question from 30 to 31. Each carries 5 scores.

 $(1 \times 5 = 5)$

- 30. Describe the use and Syntax of the following functions in Libre Office Calc:
 - (a) Now
 - (b) Count
 - (c) IF
 - (d) Rate
 - (e) Concatenate
- 31. Devika Agencies already created an organisation in GNUkhata. Now they want to create ledger accounts. Write the procedure to create the following ledger accounts by preparing a table showing relevant groups and subgroups, assuming that there is no opening balances.
 - (1) Capital

(2) Furniture

(3) Cash

(4) Debtors

(5) Creditors

(6) Purchases

(7) Sales

(8) Salary

Answer Key

PART A **ACCOUNTING**

Ansv	ver all Questions from 1 to 5, Each carries 1 Score
1	c) Legacy
2	d) Sundry Creditors
3	a) Interest on partner's loan
4	a) Old partners' capital account in Sacrificing ratio
5	Building A/c Dr To Revaluation A/c
Ansv	ver any 4 from 6 to 10, Each carries 2 Scores
6	Interest on Drawings = Total Amount x Average Period x 1/12 x Rate of Interest / 100 $48000 \times 6 \times 1/12 \times 8/100 = 1920$
7	Need for valuation of Goodwill: 1. Change in the profit sharing ratio amongst the existing partners; 2. Admission of new partner; 3. Retirement of a partner; 4. Death of a partner; and 5. Dissolution of a firm involving sale of business as a going concern. 6. Amalgamation of partnership firms. (any 2)
8	Need for revaluation of assets and liabilities: Yes, It is to be done, in order to find out the appropriate share of retiring partner in the firm. It can be done through revaluation account or profit and loss adjustment account and the profit or loss on revaluation is transferred to all the partner's capital accounts in their old ratio.
9	Balance Sheet

9	Balance Sheet								
	Liabilities		Amount	Assets	Amount				
	Cricket Match Fund Add: Donation Add: Sale of ticket	4000,000 1200,000 <u>1600,000</u> 6800,000							
	Less: Match Expenses	2300,000	4500,000						

10 Rights of a newly admitted partner:

- a) Right to share the assets of the firm
- b) Right to share future profits of the firm.

Answer any 3 from 11 to 14, Each carries 3 Scores

11 Interest on Capital:

220,000 x 6% = 132,00 80000 x 6% x 6/12 = 2,400

 \therefore Interest on capital = 13200 + 2400 = 15,600

12	Differences be	etween Dissolution of Partnersh	ip and Dissolution of Firm
	BASIS	DISSOLUTION OF PARTNERSHIP	DISSOLUTION OF FIRM
	Meaning	Economic relation between the partners change	Partnership between all the partners of a firm comes to an end.
	Termination	The business is not terminated	The business of the firm is completely closed.
	Court's intervention	No court intervention	Court may intervene and order for dissolution of firm.
	Settlement	Assets and liabilities are revalued and new balance sheet is prepared	Assets are sold, liabilities are paid off and balance utilized towards settlement of partners.
	Closure of Books	Books of accounts are not closed	All books of accounts are closed.
		(any 3 differences)	

13 Calculation of Goodwill – Super Profit Method:

Goodwill = Super Profit x Number of year's

Super Profit = Average Profit - Normal Profit.

Normal Profit = Capital Employed x Normal Rate of Return / 100

Average Profit = 362000 / 5 = 72,400

Normal Profit = $500,000 \times 12\% = 60000$

Super Profit = 72,400 - 60,000 = 12,400

:. Goodwill =12,400 x 3 = 37200

14 **Adjustments required on Retirement:**

- 1. Change in Profit sharing ratio.
- 2. Calculation of gaining ratio.
- 3. Adjustment regarding goodwill.
- 4. Adjustment of reserves and accumulated profits/losses.
- 5. Revaluation of assets and liabilities.
- 6. Ascertainment of profit or loss up to the date of retirement.
- 7. Calculation of total amount due to the retiring partner.
- 8. Settlement of total amount due to the retiring partner.
- 9. Adjustment of capitals of continuing partner. (any 6 points)

Answer any 2 from 15 to 17, Each carries 5 Scores

15 Amount Payable to Lekshmi's executor on her Death:

Lekshmi's Capital Account

Date	Particulars	Amount	Date	Particulars	Amount
				Balance b/d	29,200
				Reserve fund	12,000
				Goodwill	14,000
				P&L Suspense (share	
				of profit)	3,600
	Cash / Bank (amount				
	payable)	59,092		Interest on capital	292
		59,092			59,092

16

	Revaluation Account					
Date	Particulars		Amount	Date	Particulars	Amount
	Buildings		4,000		Investment	10,000
	Machinery		3,000		Stock	2,000
	Partners' Capital A/c: (Profit on revaluation)				Creditors	3,000
	Sathy	6000				
	Varsh	2000	8,000			
			15,000			15,000

17 Receipts and Payments Account Vs. Income and Expenditure Account:

No.	Basis	Receipts & Payments A/c	Income & Expenditure A/c
1	Opening Balance	Starts with opening balance of cash in hand and at bank.	No such opening balance.
2	Similarities	Similar to cash book of a business concern.	Similar to profit and loss account of a business concern.
3	Sides of account	Receipts on Debit side and Payments on Credit side.	Incomes on credit side and Expenditure on debit side.
4	Period	All receipts and payments relating to current year, succeeding or preceding year(s) are considered.	Revenue incomes and expenditure related to current year is only taken into account.
5	Capital items	All capital receipts and payments are included.	All capital receipts and payments are excluded.
6	Non-cash expenses	Non-cash expenses such as depreciation, provision for bad debt etc. not considered.	Non-cash expenses relating the current year included in the account.
7	Adjustments	No adjustments regarding outstanding expenses, accrued incomes, prepaid expenses and income received in advance.	All these items relating to the current year must be adjusted.
8	Closing balance	It represents the balance of cash in hand and at bank or bank overdraft.	It represents either surplus or deficit.
9	System of accounting	This account is prepared on cash basis.	Based on accrual or mercantile system.

(any 5 differences)

Answer any 1 from 18 and 20, which carries 8 Scores

18

Opening Balance Sheet as at 1-4-2018

Liabilities	Amount	Assets	Amount
Capital Fund (Balancing Figure)		Building	1,20,000
		Sports Equipments Library Books	18,000 10,000
		Cash	7,300
		Bank	14,400
	1,69,700		1,69,700

Income & Expenditure A/c For the year ended 31-03-2019

Expenditure		Amount	Income		Amount
Salary	88000		Subscription	353900	
Add: Outstanding Salary	8000	96000	Add: Outstanding subscription	26000	379900
Stationery 9320-800		8520	Locker rent		8500
Sports expenses		96100			
Electricity charges		4380			
Rent		7600			
Entertainment expenses		1600			
Depreciation on Sports equipments		1800			
Surplus		172400			
		388400			388400

Balance Sheet as at 31-03-2019

Liabilities		Amount	Assets		Amount
Capital Fund	1,69,700		Building		1,20,000
Add: Surplus	1,72,400	3,42,100	Sports Equipments	18,000	
Entrance fee		24,200	Less: Depreciation	1,800	16,200
Donations		60,000	Library Books		10,000
Salary outstanding		8,000	Investment		2,10,000
			Stock of stationery		800
			Subscription outstanding		26,000
			Cash		9,300
			Bank		42,000
		4,34,300			4,34,300

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Realisation A/c

Particulars		Amount	Particulars	Amount
Stock		60,000	Sundry Creditors	48,000
Sundry Debtors		78,000	Bank (Debtors realised)	74,100
Land and Buildings		1,00,000	Bank (Stock realised)	50,000
Furniture		20,000	Bank (Land and Buildings)	1,40,000
Bank (Realisation exp)		4,000	Bank (Furniture)	18,000
			Manu's Capital	
Bank (Creditors)		48,000	(Unrecorded asset)	5,000
Partners' Capital A/c: (Rea	alisation			
Profit)				
Manu	16,733			
Manoj	8,367	25,100		
		3,35,100		3,35,100

Partners'	Capital A/c
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Particulars	Manu	Manoj	Particulars	Manu	Manoj
Realisation A/c	5000		Balance b/d	140000	80,000
			General Reserve	20000	10,000
			Realisation A/c (Profit		
Bank	171733	98,367	on realisation)	16733	8,367
	1,76,733	98,367		1,76,733	98,367

Bank A/c

Particulars	Amount	Particulars	Amount
Balance b/d	40,000	Realisation A/c	4,000
Realisation A/c	74,100	Realisation A/c	48,000
Realisation A/c	50,000	Manu's Capital A/c	1,71,733
Realisation A/c	1,40,000	Manoj's Capital A/c	98,367
Realisation A/c	18,000		
	3,22,100		3,22,100

PART B COMPUTERISED ACCOUNTING

Answer all Questions from 20 to 22, Each carries 1 Score

- 20 b) Sequential
- 21 b) D.B
- 22 d) Relatioship

Answer any 3 Questions from 23 to 26, Each carries 2 Scores

- 23 **Security Features of Computerised Accounting System:**
 - a) Password Security
 - b) Data Audit
 - c) Data Vault (any 2 with brief explanation)
- 24 a) =SUM(C2:C4)
 - b) =C2*10%
- 25 **System Generated Ledger Accounts in GNUKhata:**
 - 1. Closing Stock
 - 2. Opening Stock
 - 3. Profit & Loss A/c or Income & Expenditure A/c
 - 4. Stock at the Beginning
- 26 Data Types in LibreOffice Base:
 - a) Number
 - b) Text
 - c) Date
 - d) Time (or any other four)

Answer any 2 Questions from 27 to 29, Each carries 3 Scores a) PMT functionally b) =PMT(Rate,NPER,PV,FV,Type) Rate: Interest Rate NPER: Number of payments PV: Present Value of Loan FV: Future Value of Loan Type: 0 or 1 (0 = the payment is made at the end of the period and 1 = payment at the beginning of the period) 28 a) Column Chart. b) Advantages of Charts: Visually appealing i. Easy to read the data ii. Ouick analysis and interpretation of data with a little time iii. To know the trends easily iv. To grasp the data quickly A large volume of information can be exhibited through charts easily (ANY 2) **Steps to create Table in LibreOffice Base:** 29 a) Open LibreOffice Base: Applications – Office – LibreOffice Base b) Creating Tables in LibreOffice Base: Click on Tables - Create table in design view -Enter the filed Name - Field Type - Description (optional) - Set the Primary Key - Save. Answer any 1 Question from 30 to 31, Which carries 5 Scores 30 **Use and Syntax of Calc Functions:** a) Now - It shows the current time along with date Synax: =Now()b) **COUNT** – This function will count cells that contain numbers or count the numbers given in the arguments separated by commas. =Count (Value1, Value2, Value3.....) Syntax: c) **IF** returns one value if the condition is true, and another value if the condition is false. =IF(logical test, value if true, value if false) Syntax: d) **Rate** – Calculates the constant interest rate of an investment with regular payments. Syntax: =RATE(NPER,PMT,PV,FV) e) **CONCATENATE** – This function allows to join 2 or more strings together. The item can be a text value, number, or cell reference =Concatenate (text1, [text2], ...) Syntax:

31 Procedure for Ledger Creation in GNUKhata:

 ${\sf Master-Create\ Account-Select\ Group\ Name-Sub-group\ Name-Account\ Name-Opening\ Balance\ (if\ any)-Save}.$

Groups and Sub-groups of the following Ledger Accounts:

No.	Ledger Account	Group	Sub-group
1.	Capital	Capital	None
2.	Furniture	Fixed Assets	Furniture
3.	Cash	Current Assets	Cash
4.	Debtors	Current Assets	Sundry Debtors
5.	Creditors	Current Liabilities	Sundry Creditors for Purchase
6.	Purchases	Direct Expense	None
7.	Sales	Direct Income	None
8.	Salary	Indirect Expense	None