Reg. No. : $\qquad$
Name : $\qquad$

## SAY / IMPROVEMENT EXAMINATION, JULY - 2022

## Part - III

## ACCOUNTANCY WITH ANALYSIS OF FINANCIAL STATEMENTS <br> Maximum : 80 Scores

Time: $2^{1} / 2$ 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.














# SECTION - I <br> <br> ACCOUNTING 

 <br> <br> ACCOUNTING}

Scores: 40
PART - I
A. Answer any 4 questions from 1 to 6. Each carries 1 score.
$(4 \times 1=4)$

1. The final accounts of a 'not-for-profit organisation' consist of $\qquad$ .
(a) Receipts and Payment A/c
(b) Income and Expenditure $\mathrm{A} / \mathrm{c}$
(c) Balance Sheet
(d) All of these
2. Under fixed capital method, the accounts maintained for each partner.
A. Partner's Capital A/c
B. Partner's Current A/c
(a) A only
(b) B only
(c) A and B
(d) A or B
3. Complete the following equation :
? Ratio $=$ Old Ratio - New Ratio
(a) Sacrifising Ratio
(b) Gaining Ratio
(c) Capital Ratio
(d) Profit Sharing Ratio
4. The ratio in which the continuing partners have acquired the share from the retiring partner is called $\qquad$ .
(a) Sacrifising Ratio
(b) Gaining Ratio
(c) Profit Sharing Ratio
(d) Capital Ratio

## SECTION－I

## ACCOUNTING

PART－I

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（b） B ๑๐ைை
（c） $\mathrm{A} \oplus_{3} \circ \mathrm{~B} \oplus_{3} \circ$







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5. Lal, Raj and Anu are partners sharing profits in the ratio of $4: 3: 2$. If Anu retires, the new profit sharing ratio between Lal and Raj will be $\qquad$ .
(a) $3: 2$
(b) $2: 1$
(c) $4: 3$
(d) $3: 4$
6. Realisation account of a partnership is prepared at the time of $\qquad$ .
(a) dissolution of partnership firm
(b) admission of a partner
(c) retirement of a partner
(d) death of a partner
B. Answer all questions from 7 to 9, each carries 1 score.
7. Profit on sale of old sports materials of a sports club is shown in $\qquad$ account.
(a) Receipts and Payment a/c
(b) Income and Expenditure a/c
(c) Balance Sheet
(d) Profit \& Loss a/c
8. On $1^{\text {st }}$ October, 2021, Arjun admitted as a partner with capital of $₹ 1,00,000$ in a partnership. Calculate interest on capital @ $10 \%$ p.a. of Arjun, assuming that accounts are closed on $31^{\text {st }}$ December 2021.
(a) ₹ 10,000
(b) ₹ 5,000
(c) ₹ 7,500
(d) ₹ 2,500
9. Complete the following equation :

Goodwill $=$ Capitalised value of profit - $\qquad$
(a) Total assets
(b) Net assets
(c) Total liabilities
(d) Outside liabilities


 $\qquad$

(a) $3: 2$
(b) $2: 1$
(c) $4: 3$
(d) $3: 4$

$\qquad$







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(3 \times 1=3)
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(a) ₹ 10,000
(b) ₹ 5,000
(c) ₹ 7,500
(d) ₹ 2,500




(c) ாூிே ஸையృகைலல்
(d) வைாロாை ைையృகைலலิ

## PART - II

A. Answer the following question, carries 2 scores.
10. Receipts and payment account of Vikram Sports Club for the year ended $31^{\text {st }}$ March 2021 showed subscription received an amount of ₹ 84,000 . The subscription outstanding on $31^{\text {st }}$ March 2021 were ₹ 16,000 . Calculate the value of subscription to be credited to Income and expenditure account for the year ended $31^{\text {st }}$ March, 2021.
B. Answer any 1 question from 11 to 12. Carries 2 scores.
11. State any four circumstances in which valuing goodwill of a partnership firm.
12. From the following rearrange according to the order in which settlement of accounts of partnership firm in case of dissolution of partnership.
(a) Settlement of Partners' capital
(b) Residual profit divided in profit sharing ratio
(c) Settlement of Partners' loan
(d) Settlement of outside liabilities

## PART - III

## A. Answer any 3 questions from 13 to 16. Each carries 3 scores.

13. State any three differences between Income and Expenditure account and Receipts and Payment account.

## PART - II






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## PART - III





14. Anusha, partner in a firm, who withdraws ₹ 2,000 each in every month from partnership business. Interest on drawings @ $10 \%$ p.a. Calculate interest on drawings for the year 2021, assuming that money is withdrawn :
(i) in the beginning of every month
(ii) in the middle of every month
15. John and Biju were partners in a firm sharing profits and losses in the ratio of 2:1. They admit Azeem as a new partner into the partnership with $1 / 6$ share in the profit. Calculate the new profit sharing ratio and sacrificing ratio.
16. State any three differences between dissolution of partnership and dissolution of firm.

## B. Answer the following question, carries $\mathbf{3}$ scores.

17. Raji, Krishna and Veni are partners sharing profits in the ratio of $2: 1: 1$. According to the partnership agreement, Krishna is to get a minimum amount of ₹ 10,000 as her share of profits every year. The net profit for the year 2021 amounted to ₹ 28,000 . Prepare the Profit and Loss Appropriation Account.

## PART - IV

## A. Answer any 2 questions from 18 to 20. Each carries $\mathbf{4}$ scores.

18. Neethu and Susha are partners in a firm sharing profits and losses in the ratio of 3:2. Their capitals were ₹ $1,00,000$ and $₹ 80,000$ as on January 1, 2020. During the year 2020 they earned a profit of ₹ 72,000 before making the following adjustments. According to partnership deed Neethu allowed a monthly salary of ₹ 2,000 and Susha allowed a yearly commission of ₹ 25,000 . They are also be charged interest on capital @ $5 \%$ p.a. and interest on drawings @ $5 \%$ p.a., irrespective of the period. During the year, their drawings were ₹ 20,000 and ₹ 10,000 respectively. Prepare profit and loss appropriation account for the year ended $31^{\text {st }}$ December 2020.


















## PART - IV












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19. The books of a partnership business showed that the firm's capital employed on December 31, 2021 were ₹ $8,00,000$ and the profits for the last five years were :

2017 - ₹ 80,000
2018 - ₹ $1,00,000$
2019 - ₹ $1,20,000$
2020 - ₹ $1,40,000$
2021 - ₹ $1,60,000$.
You are required to find out the value of goodwill based on 3 years purchase of the super profits of the business, given that the normal rate of return is $10 \%$.
20. Girish, Shafi and Sudheesh are partners sharing profit and losses in the ratio 3:2:1. Sudheesh retires from the firm. On his date of retirement ₹ 80,000 becomes due to him. Girish and Shafi agreed to pay the amount in four yearly instalments plus interest $10 \%$ p.a. Prepare Sudheesh's loan a/c for four years.

## B. Answer any 1 question from 21 to 22. Carries 4 scores.

21. Show how you would deal with the following items in the financial statements of a Sports Club.
(i) Prize fund ₹ $1,00,000$
(ii) Prize fund investment ₹ $1,00,000$
(iii) Interest received from prize fund investments ₹ 12,000
(iv) Prizes awarded ₹ 20,000


2017 －₹ 80,000
2018 －₹ $1,00,000$
2019 －₹ $1,20,000$
2020 －₹ $1,40,000$
2021 －₹ $1,60,000$ ．










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22. Last four years profits of $\mathrm{K} \& \mathrm{~K}$ brothers are :

| $2018-$ | $₹ 30,000$ |
| :--- | :--- |
| $2019-$ | $₹ 50,000$ |
| $2020-$ | $₹ 60,000$ |
| $2021-$ | $₹ 80,000$. |

The firm's capital employed were ₹ $4,00,000$. The normal rate of return in the business is $10 \%$. Using capitalization method, calculate the value of goodwill of the firm.

## PART - V

Answer any 1 question from 23 to 24. Carries 5 scores.
23. From the following Receipts and Payment Account of Vayalar Library Club, prepare Income and Expenditure Account for the year ended $31^{\text {st }}$ December, 2021.

Receipts and Payment Account for the year ended 31 ${ }^{\text {st }}$ December, 2021
Dr.

| Receipts | Amount | Payments | Amount |
| :--- | ---: | :--- | :---: |
|  | ₹ |  | ₹ |
| Cash in hand on 1-1-2021 | 20,000 | Salary | 12,000 |
| Subscription | 80,000 | Stationery |  |
| Donation | 2,000 | Rent | 2,000 |
|  |  | Books | 3,000 |
|  |  | Furniture | 10,000 |




2018 －₹ 30,000
2019 －₹ 50,000
2020 －₹ 60,000
2021 －₹ $80,000$.




## PART－V







Dr．
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|  | $\begin{gathered} \text { ढु』力 } \\ ₹ \end{gathered}$ |  | $\begin{gathered} \text { ढु』 } \\ ₹ \end{gathered}$ |
| :---: | :---: | :---: | :---: |
| ๑ெவலவ வறை 1－1－2021 | 20，000 | comอ® | 12，000 |
| வலிற०வவை | 80，000 | ¢ักังMmol | 2，000 |
|  | 2，000 | வJSめ | 3，000 |
|  |  | வృமிூృ囚రె | 10，000 |
|  |  |  | 20，000 |
|  |  |  31-12-2021 | 55，000 |
|  | 1，02，000 |  | 1，02，000 |

Additional Information :
(i) Outstanding subscription on 01-01-2021 ₹ 12,000 and on 31-12-2021 ₹ 16,000 .
(ii) Outstanding Rent ₹ 2,000 .
24. Anu and Binu are partners sharing profit and losses in the ratio of $2: 1$. Their Balance Sheet on $31^{\text {st }}$ March, 2021 was as follows :

Balance Sheet of Anu and Binu as at $31^{\text {st }}$ March, 2021

| Liabilities | Amount <br> $₹$ | Assets | Amount <br> $₹$ |
| :--- | ---: | :--- | ---: |
| Creditors | 30,000 | Cash | 2,000 |
| General Reserve | 15,000 | Stock | 18,000 |
| Anu's Capital | 45,000 | Furniture | 30,000 |
| Binu's Capital | 30,000 | Machinery | 40,000 |
|  |  | Building | 30,000 |
|  | $\mathbf{1 , 2 0 , 0 0 0}$ |  | $\mathbf{1 , 2 0 , 0 0 0}$ |

On 1 April, 2021, Manu was admitted into partnership on the following terms :
a. Manu brings ₹ 20,000 as his capital.
b. Manu brings ₹ 6,000 as his share of goodwill for $1 / 6$ share in profit.
c. Stock and furniture be reduced by $10 \%$.
d. The value of buildings be appreciated by $20 \%$.

Prepare revaluation account and capital accounts of all partners.







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| :---: | :---: | :---: | :---: |
|  | 30,000 | ळృОกฯ̆ | 2,000 |
|  | 15,000 |  | 18,000 |
|  | 45,000 |  | 30,000 |
|  | 30,000 | வைกษ1กก | 40,000 |
|  |  | றிண்พி๐ஸ゙ | 30,000 |
|  | 1,20,000 |  | 1,20,000 |










## SECTION - II

## ANALYSIS OF FINANCIAL STATEMENTS

Scores: 40

## PART - VI

## A. Answer any 4 questions from 25 to $\mathbf{3 0}$. Each carries $\mathbf{1}$ score.

25. The maximum amount of share capital which a company is authorized to issue by its Memorandum of Association is $\qquad$ .
(a) Authorised capital
(b) Issued capital
(c) Subscribed capital
(d) Paid-up capital
26. When any shareholder fails to pay the amount due on allotment or on any of the calls, such amount is known as $\qquad$ .
(a) Reserve capital
(b) Call money
(c) Calls in arrear
(d) Calls in advance
27. "Company which has only one person as a member". Identify.
(a) Unlimited company
(b) Public company
(c) Private company
(d) OPC
28. Debentures convertible into equity shares or in any other security are called $\qquad$ debentures.
(a) Secured debentures
(b) Convertible debentures
(c) Redeemable debentures
(d) Bearer debentures
29. The statement which provides information about the financial position of a public company is $\qquad$ .
(a) Statement of profit and loss account
(b) Cash flow statement
(c) Balance Sheet
(d) All of these

## SECTION - II

## ANALYSIS OF FINANCIAL STATEMENTS

Scores: 40

## PART - VI




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(b) வ®ிவனిாைைை க S வ(ேைையல


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30. "The statement shows changes in all items of financial statements in absolute and percentage terms over a period of time." Identify.
(a) Comparative Statement
(b) Common size Statement
(c) Cash flow Statement
(d) Ratio analysis
B. Answer all questions from 31 to 33. Each carries 1 score.
31. Find odd one out :
(a) Gross Profit Ratio
(b) Operating Profit Ratio
(c) Current Ratio
(d) Net Profit Ratio
32. Complete the following equation :

Total Assets to Debt Ratio $=\frac{?}{\text { Long term debts }}$
(a) Fixed assets
(b) Current assets
(c) Total assets
(d) Intangible assets
33. Purchase of machinery for cash, then there is $\qquad$ .
(a) Inflow of cash
(b) Outflow of cash
(c) Neither inflow nor outflow of cash
(d) None of these

## PART - VII

A. Answer the following question. Carries $\mathbf{2}$ scores.
34. List out any two features of a Company.
B. Answer any 1 question from 35 to 36. Carries 2 scores.
35. Write a situation in which a company can issue shares at discount.
36. List out any two items shown under the head shareholders Fund while preparing Balance Sheet of a company.











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## PART - VII









A. Answer any 3 questions from 37 to 40 . Each carries 3 scores. ( $\mathbf{3 \times 3 = 9 )}$
37. Draw a chart showing categories of Share capital.
38. List out the three alternatives available to the directors of the company to deal with over subscription situation.
39. List out any three methods of redemption of debentures of a company.
40. State the meaning of cash flow statement and list out any two categories of activities for the preparation of cash flow statement.
B. Answer the following question, carries $\mathbf{3}$ scores.
41. Vijaya Ltd. purchased machinery worth ₹ $2,00,000$ from Anakha Enterprises. The payment was made by issue of $12 \%$ debentures of ₹ 100 each at par.

Pass the necessary journal entries.
PART - IX
A. Answer any 2 questions from 42 to 44 . Each carries 4 scores. $\quad(2 \times 4=8)$
42. State any four differences between shares and debentures.
43. List out any four objectives of financial statements of a company.
44. Briefly explain four tools of analysis of financial statements.
B. Answer any 1 question from 45 to 46. Carries 4 scores.
45. Akshaj Ltd. forfeits 300 shares @ ₹ 10 each fully called up on which ₹ 2,100 had been received. Company re-issues these shares for $₹ 2,400$ as fully paid. Pass necessary journal entries.

## PART - VIII















## PART - IX









$(1 \times 4=4)$




46. From the following, calculate operating ratio and operating profit ratio.

Cost of revenue from operations ₹ $2,00,000$
Selling expenses ₹ 40,000
Administrative expenses ₹ 60,000
Revenue from operations ₹ 4,00,000

## PART - X

Answer any 1 question from 47 to 48. Carries 5 scores.
47. Sreelatha Shipping Company Ltd. issued $3,00,000$ equity shares @ $₹ 10$ each payable at ₹ 2 on application, ₹ 5 on allotment and ₹ 3 on $1^{\text {st }}$ and final call. All money were duly received. Pass necessary journal entries in the books of the company.
48. Following information is given by a company from its books of accounts as on $31^{\text {st }}$ March 2021.
(i) Total current assets ₹ $1,00,000$
(ii) Total current liabilities ₹ 50,000
(iii) Inventory ₹ 20,000

Calculate :
(a) Current Ratio
(b) Liquid Ratio



|  | ₹ $2,00,000$ |
| :---: | :---: |
| விணัన్నM வைவை | ₹ 40,000 |
|  | ₹ 60,000 |
| (வவชิカைை வ®வ゙ | ₹ $4,00,000$ |

## PART - X

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