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FEDERAL PUBLIC SERVICE COMMISSION
COMPETITIVE EXAMINATION-2023
FOR RECRUITMENT TO POSTS IN BS-17
UNDER THE FEDERAL GOVERNMENT
ACCOUNTANCY AND AUDITING, PAPER-I

## TIME ALLOWED: THREE HOURS <br> PART-I(MCQS): MAXIMUM 30 MINUTES <br> PART-I (MCQS) <br> MAXIMUM MARKS = 20 <br> PART-II MAXIMUM MARKS $=\mathbf{8 0}$

NOTE: (i) Part-II is to be attempted on the separate Answer Book.
(ii) Attempt ONLY FOUR questions from PART-II by selecting TWO questions from EACH SECTION. ALL questions carry EQUAL marks.
(iii) All the parts (if any) of each Question must be attempted at one place instead of at different places.
(iv) Write Q. No. in the Answer Book in accordance with Q. No. in the Q.Paper.
(v) No Page/Space be left blank between the answers. All the blank pages of Answer Book must be crossed.
(vi) Extra attempt of any question or any part of the question will not be considered.
(vii) Use of Calculator is allowed.

## PART - II <br> SECTION - I

Q. 2. (A) What are the Accounting Principles? Define any four accounting principles shortly.
(B) What are the Accounting Conventions? Define any four accounting conventions shortly.
(C) The below mentioned balances are extracted from the books of Emerging Technologies Pvt. Ltd. as on $31^{\text {st }}$ August 2022.

| Head of Account | Amount |
| :--- | :--- |
| Sundry expenses | 166,000 |
| Opening Stock | 400,000 |
| Premises | $3,775,000$ |
| Furniture | $1,350,000$ |
| Machinery | $2,600,000$ |
| Drawings | 250,000 |
| Purchases | $6,455,000$ |
| Sales | $12,262,000$ |
| Discount received | 47,000 |
| Discount allowed | 54,000 |
| Carriage outward | 18,000 |
| Returns inward | 122,000 |
| Return outwards | 28,000 |
| Closing Stock | 372,500 |
| Wages and salaries | $1,750,000$ |
| Cash in hand | 940,000 |
| Rent, rates and taxes | 137,000 |
| Rent received in advance | 53,000 |
| Bills receivables | 192,000 |
| Trade creditors | $2,076,000$ |
| Book debts | $3,150,000$ |
| Bills payable | 580,000 |
| Bank loan | $6,200,000$ |
| Capital | 17,000 |
| Carriage inward |  |

Required: Prepare a Trial Balance as on that date in a proper format.
Q. 3. Deluxe Software Private Limited closes its books on $31^{\text {st }}$ December every year. You are provided with the following data:

| Shareholders Equity | (Rs.'000') |  |
| :---: | :---: | :---: |
| Opening | $\mathbf{2 0 2 1}$ | $\mathbf{2 0 2 0}$ |
| Profit after tax | 700 | 600 |
| Dividend | $\underline{220}$ | $\underline{200}$ |
| Closing | $\underline{(100)}$ | $\underline{(100)}$ |
| Other data |  |  |
| Number of Shares (in '000s) | 820 | 700 |
|  | 60 | 60 |

## ACCOUNTANCY AND AUDITING, PAPER-I

## Required:

(a) On the basis of above data, compute the following for the year 2020 and 2021
a. Earnings per share (EPS)
b. Return on closing equity (ROE)
c. Book value per share (BV)
(b) Compute dividend per share and rate of dividend for the year 2022.
(c) For the year ending 31st December 2022 the management decided to aim for EPS Rs.4.00 ( $9 \%$ higher than for the year 2021) and return on closing equity of $25 \%$. Compute the estimated book value as at 31st December 2022 assuming that management targets are achieved. Also compute estimated figures for Profit after Tax, Dividend and Equity.
Q.4. (A) Post-closing Trial Balance of Premium Fabrics Private Limited for the year ended December 31, 2021 and 2022 are as follows:

|  | 2022 | 2021 |
| :---: | :---: | :---: |
| Equities and Liabilities $\quad 2022$ ( |  |  |
| Issued and paid-up capital | 5,000,000 | 5,000,000 |
| Short-term running finance | 3,000,000 | 800,000 |
| Unappropriate profit | 400,000 | 300,000 |
| Trade Creditors | 3,000,000 | 1,000,000 |
| Accumulated Depreciation: <br> Plant and Machinery <br> Motor Vehicle | $\begin{aligned} & 900,000 \\ & 420,000 \end{aligned}$ | $\begin{aligned} & 600,000 \\ & 280,000 \\ & \hline \end{aligned}$ |
|  | $\underline{12,720,000}$ | $\underline{\underline{7,980,000}}$ |
| Assets |  |  |
| Land and Building | 2,500,000 | 1,500,000 |
| Plant and Machinery | 3,000,000 | 2,500,000 |
| Motor vehicles | 620,000 | 580,000 |
| Stock in Hand | 3,600,000 | 1,100,000 |
| Trade debtors | 3,000,000 | 2,300,000 |
|  | $\underline{12,720,000}$ | 7,980,000 |

Additional data:

- During the year 2022, a dividend @ $10 \%$ was distributed to the shareholders. The paid-up value of each share is Rs. 10/-
- A Motor vehicle, having original cost of Rs. 100,000 and depreciated book value of Rs. 60,000 was sold for Rs. 80,000 .
- Gross funds generated from operations during the year was Rs. 1,060,000.

Required: prepare a cash flow statement of Premium Fabrics as per IAS-7 for the year 2022.
(B) Mr. Haider started a business on March $1^{\text {st }} 2022$ with a capital of Rs. 645,000. His newly appointed bookkeeper records transaction on simple papers. His cash book page shows following transactions for the year.

| Particulars | Amount | Particulars | Amount |
| :--- | :--- | :--- | :--- |
| Expenses Paid | 27,500 | Sales on cash | 322,000 |
| Receipts from debtors | 241,000 | Drawings of Mr. Haider | 25,500 |
| Purchase of Motorbike | 92,000 | Payments to creditors | 322,000 |
| Purchases on cash | 148,000 |  |  |

On December $31^{\text {st }} 2022$ value of closing stock is 46,000 . The payables and receivables are Rs.125,000 and Rs. 80,000 respectively. Useful life of motorbike is 8 years and salvage value will be 32000. Bookkeeper decided to use the straight-line method of depreciation for the whole useful life of motorbike.
Required: Prepare Trading and Profit and Loss account and Balance Sheet as on $31^{\text {st }}$ (10)
December 2022.

## SECTION - II

Q. 5. (A) Eagle Star is a manufacturing company. The Company uses Rowan Premium bonus scheme for its workers payroll. Workers are also entitled to dearness allowance of Rs. 2,400 per week of 48 hours. Mr. Afzal is one of the workers of that company. His basic wage rate is 1,200 per day of 8 hours. His time sheet for the week is as under:

| Job Name | Time Allowed | Time Taken |
| :--- | :--- | :--- |
| Crafting | 25 hours | 20 hours |
| Assembling | 30 hours | 20 hours |
| Idle time (Waiting) | ----- | 8 hours |

Required: Calculate gross wage of Mr. Afzal for the week.

## ACCOUNTANCY AND AUDITING, PAPER-I

(B) An Automobile factory will use 500,000 tyres for its production in coming year. The incremental cost of placing an order is Rs. 8,000 . The cost of storing a tyre for whole year is Rs. 2000.Lead time on an order is 5 days and the company wishes to keep reserve supply of two days usage. Usage per day will be constant in whole work year. Company work year consists of 250 days.
Required: Calculate Economic Order Quantity and Reorder point.
Q. 6. (A) A manufacturing company of Lahore submits the following information for the year ending 31st December 2022:

| Particulars | Amount | Particulars | Amount |
| :--- | :--- | :--- | :--- |
| Sales | $4,500,000$ | Raw Material 1 ${ }^{\text {st }}$ January | 150,000 |
| Purchases | $2,020,000$ | Finished Goods 1 ${ }^{\text {st }}$ January | 700,000 |
| Tools Expenses | 45,000 | Indirect Labour | 50,000 |
| Depreciation of Plant | 45,000 | Power, Heat \& Light | 30,000 |
| Work in process 1 ${ }^{\text {st }}$ January | 300,000 | Finished Goods 31 $1^{\text {st }}$ December | 605,000 |
| Purchase Retunes | 20,000 | Depreciation of machinery | 60,000 |
| Fire Insurance | 8,000 | Raw Material 31 $1^{\text {st }}$ December | 290,000 |
| Direct Labour | 590,000 | Work in Process 31 ${ }^{\text {st }}$ December | 250,000 |
| Misc. Manufacturing Costs | 9,000 | Indirect Material Consumed | 50,000 |
| Selling Expenses | $5 \%$ of sales | Administrative Expenses | $2 \%$ of sales |

Required: Prepare an Income Statement for the year ended 31st December 2022
(B) Khizra manufacturing corporation has fixed cost for the year ended 31st December 2022 is Rs. 400,000. Variable cost per unit is Rs. 20. Each Unit sells at Rs. 100.

## Required:


During the year 2022 the retained earnings increase $50 \%$ as a result of good business. No dividend was paid during the year. Balances of Accounts receivables, prepaid expenses, current liabilities and paid-up capital were the same as $31^{\text {st }}$ December 2022 as they had been on $31^{\text {st }}$ December 2021, Inventories were reduced as follows:

| Material | $50 \%$ |
| :--- | :--- |
| Work in process | $50 \%$ |
| Finished goods | $33-1 / 3 \%$ |

Fixed Assets were reduced by depreciation of Rs. 4,000 charged $3 / 4^{\text {th }}$ to factory overhead and $1 / 4^{\text {th }}$ to administrative expenses. Sales were made of Rs. 60,000 on account of finished goods costing Rs. 40,000. Direct labor cost was Rs. 9,000. Factory overhead was applied at the rate of $100 \%$ of direct labor cost, leaving Rs. 2,000 under applied which was closed to cost of goods sold account. Total marketing and administrative expenses amounting to $10 \%$ and $15 \%$ respectively of the gross sales.

## Required:

(a) An Income statement for 2022, along with the details of Cost of goods manufactured and sold
(b) A balance Sheet as on 31st December 2022.

## ACCOUNTANCY AND AUDITING, PAPER-I

Q. 8. A chemical factory manufactures three kinds of chemicals namely Eucalyptus oil, Hexachlorobenzen and Toxaphene. In the last week of December 2022, the records were:

| Labor <br> Grade | No of <br> Employees | Rate per hour <br> (Rs.) | Hours Worked by <br> each employee |
| :---: | :---: | :---: | :---: |
| I | 12 | 40 | 40 |
| II | 36 | 32 | 42 |
| III | 8 | 28 | 40 |
| IV | 2 | 16 | 44 |

Output and standard times during the same week were as follows:

| Components | Output <br> (In Units) | Standard Minutes <br> for each unit |
| :--- | :--- | :--- |
| Eucalyptus oil | 888 | 30 |
| Hexachlorobenzen | 1800 | 54 |
| Toxaphene | 960 | 66 |

Normal working hours per week are 38 . Overtime is paid at the premium of $50 \%$ of the normal hour rate.

Group Incentive Scheme:
A group incentive scheme is in operation. The time saved is expressed as a percentage of hours worked and is shared between the group as a proportion of the hours worked by each grade. The incentive rate is $75 \%$ of the normal hour rate.

Required: Prepare the payroll for the last week of December 2022 showing the basic pay, overtime and incentive amount as separate totals for each grade of labor.

## ACCOUNTANCY \& AUDITING, PAPER-II

| TIME ALLOWED: THREE HOURS | PART-I (MCQS) | MAXIMUM MARKS = 20 |  |
| :--- | :--- | :--- | :--- |
| PART-I(MCQS): | MAXIMUM 30 MINUTES | PART-II | MAXIMUM MARKS = 80 |

NOTE: (i) Part-II is to be attempted on the separate Answer Book.
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(vii) Use of Calculator is allowed.

## PART - II SECTION - I (AUDITING)

Q. 2. Define professional skepticism and explain its key characteristics. Why should auditors act as though there is always a potential conflict of interest between the auditor and the management of the enterprise under audit?
Q. 3. What are CAATs? What are some audit procedures that can be performed using CAATs? What advantages are derived from using CAATs in the financial statement audit?
Q. 4. Define and explain the differences among several kinds of employee frauds that might occur at an audit client.

## SECTION - II (BUSINESS TAXATION)

Q. 5. a. Zia inherited certain assets from his father in the year $20 x 1$. The fair market values of the assets on the date of inheritance were as follows:

|  | Rs. |
| :--- | ---: |
| 25,000 shares of a private limited company | $25,00,000$ |
| 21,000 shares of public listed company | $4,62,000$ |
| Membership card of Pakistan Stock Exchange | $20,000,000$ |
| Jewelry | $15,00,000$ |

During the tax year 20x5, Zia undertook the following transactions:

1) He gifted some of the assets to his 20-year old son Ishaq. The detail and fair market values of the assets are as follows: Rs.
-----10,000 shares of a private limited company 2,000,000
-----10,000 shares of a public limited company 1,700,000
----- Membership card of Pakistan Stock Exchange 40,000,000
2) The remaining shares were sold as follows: Rs.
----- shares of a private limited company 3,000,000
----- shares of a public limited company . 1,500,000
Ishaq sold all the assets transferred through gift in the same year. The assets fetched the
following amounts:
-----10,000 shares of a private limited company Rs.

2,500,000
-----10,000 shares of a public limited company $\quad 1,500,000$
----- Membership card of Pakistan Stock Exchange 55,000,000

## Required:

(i) Based upon the above information, compute the taxable income of Zia and Ishaq for the tax year 20x5
(ii) Give a brief explanation for the items not included in the taxable income.

## ACCOUNTANCY \& AUDITING, PAPER-II

Q. 6. Explain the correct tax treatment in each of the following situations:

1. Mr. Hamza made a total contribution of Rs. 150,000 as a donation to the approved institution mentioned in the $13^{\text {th }}$ schedule. His total income from a business during the tax year 2023 is Rs. 1,800,000.
2. Nine years ago, Masood inherited a rare sculpture of Buddha which had a fair market value of Rs. 200,000 on the date of inheritance. In August 2022, the sculpture was sold by him at Rs. 500,000.
3. In June 2022, Imran entered into an agreement for the sale of the residential plot to Ibrahim, who paid an advance of Rs. 500,000. According to the agreement, Ibrahim was required to pay the balance by August 31, 2022. However, instead of paying the balance amount, he terminated the sale agreement. Imran forfeited the advance of Rs. 500,000 in accordance with the terms of the agreement.
4. In September 2022, Adnan sold his personal car, Toyota Corolla, to one of his cousins at the price of Rs. 500,000 whereas the fair market value of the car was Rs. $20,00,000$. The car was purchased by him six years ago at of cost of Rs. 10,00,000.
5. Imran was working as a Chief Financial Officer in Dawood Pakistan (Pvt) Limited, which is a wholly owned subsidiary of Dawood AG, Germany. According to the Company's policy, Imran was sent on secondment to Germany on January 1, 2022, for a period of five years. During this period, half of his salary will be credited to his bank account in Pakistan, whereas the remaining portion will be received by him in Germany.
6. Maqsood provided consultancy services to a listed company. In consideration for his services, he received a net amount of Rs. 45,000 after a tax deduction of Rs. 5,000.

## SECTION - III (BUSINESS STUDIES AND FINANCE)

Q. 7. Fitch Industries is in the process of choosing the better of two equal-risk, mutually exclusive capital expenditure projects, M and N . The relevant cash flows for each project are shown in the following table. The firm's cost of capital is $9 \%$.

|  | $\underline{\text { Project M }}$ | $\underline{\text { Project N }}$ |
| :---: | :--- | :--- |
| Initial investment-Cash Outflow | $-\$ 40,000$ | $-\$ 40,000$ |
| Year (t) | Cash inflows | Cash inflows |
| 1 | $\$ 14,000$ | $\$ 23,000$ |
| 2 | 14,000 | 12,000 |
| 3 | 14,000 | 10,000 |
| 4 | 14,000 | 9,000 |

i. Calculate each project's payback period.
ii. Calculate the net present value (NPV) for each project.
iii. Calculate the internal rate of return (IRR) for each project.
iv. Summarize the preferences dictated by each measure you calculated, and indicate which project you would recommend. Explain why?
Q. 8. How have globalization and information technology created new opportunities for entrepreneurs? How does an aging population create opportunities for entrepreneurs? Describe current demographic trends that suggest new goods and services for entrepreneurial businesses.

