

12-1931

Students' Department

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Students' Department

H. P. BAUMANN, *Editor*

NEW YORK C. P. A. EXAMINATION

The following problem was set up by The University of the State of New York as problem 4 in the examination on practical accounting—part II, November 11, 1930:

Problem:

You are requested by the Walton Electric Dishwashing Corporation to prepare from the following information, for the year ended December 31, 1929, a statement of cost of manufacture and cost of manufactured machines sold. All inventory elements of materials, labor and overhead are to be shown therein in analyzed form inclusive of cost per machine.

| | |
|---|-----------|
| Depreciation: | |
| Buildings..... | \$ 6,000 |
| Machinery and equipment..... | 60,000 |
| Tools..... | 10,000 |
| Finished machines: | |
| December 31, 1928..... | 125,000 |
| December 31, 1929..... | 203,000 |
| Indirect labor..... | 242,000 |
| Indirect materials consumed..... | 54,460 |
| Insurance on factory..... | 18,700 |
| Labor consumed in making company tools..... | 4,000 |
| Machines in process: | |
| December 31, 1928..... | 400,000 |
| December 31, 1929..... | 547,000 |
| Maintenance and repairs..... | 39,265 |
| Materials consumed in making company tools..... | 1,000 |
| Overhead charged in making company tools..... | 6,000 |
| Payroll total..... | 692,000 |
| Power, light and heat..... | 37,650 |
| Property taxes..... | 12,950 |
| Purchases of materials..... | 1,625,000 |
| Stores: | |
| December 31, 1928..... | 404,460 |
| December 31, 1929..... | 380,000 |
| Sundry factory expense..... | 37,875 |

Cost elements in the inventories are as follows:

| | 1928 | 1929 |
|-----------------------------|-----------|-----------|
| Finished machines: | | |
| Labor..... | \$ 20,000 | \$ 28,000 |
| Materials..... | 100,000 | 133,000 |
| Overhead..... | 25,000 | 42,000 |
| Machines in process: | | |
| Labor..... | 80,000 | 112,000 |
| Materials..... | 200,000 | 267,000 |
| Overhead..... | 100,000 | 168,000 |

Overhead is to be distributed on the basis of productive labor.

| | Actual pro- ductive labor | Actual overhead | Rate used in costing |
|-----------|------------------------------|--------------------|-------------------------|
| 1928..... | \$300,000 | \$480,000 | 125% |
| 1929..... | | | 150% |

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Statistics on the production and sale of machines are as follows:

| | |
|------------------------|----------|
| Finished machines: | |
| December 31, 1928..... | \$ 1,854 |
| December 31, 1929..... | 2,515 |
| Machines in process: | |
| December 31, 1928..... | 6,050 |
| December 31, 1929..... | 7,620 |
| Sales..... | 31,419 |

Solution:

Schedule 1

WALTON ELECTRIC DISHWASHING CORPORATION

Schedule of manufacturing overhead for the year ended December 31, 1929

| | |
|--|--------------|
| Depreciation: | |
| Buildings..... | \$ 6,000.00 |
| Machinery and equipment..... | 60,000.00 |
| Tools..... | 10,000.00 |
| | \$ 76,000.00 |
| Indirect labor..... | 242,000.00 |
| Indirect materials consumed..... | 54,460.00 |
| Insurance on factory..... | 18,700.00 |
| Maintenance and repairs..... | 39,265.00 |
| Power, light and heat..... | 37,650.00 |
| Property taxes..... | 12,950.00 |
| Sundry factory expense..... | 37,875.00 |
| | \$518,900.00 |
| Total manufacturing overhead..... | |
| <i>Less</i> —overhead chargeable to tools made by company..... | 4,612.44 |
| | \$514,287.56 |

Schedule 2

WALTON ELECTRIC DISHWASHING CORPORATION

Schedule of direct labor for the year ended December 31, 1929

| | | |
|-------------------------------------|--------------|--------------|
| Payroll total..... | | \$692,000.00 |
| <i>Deduct</i> —indirect labor..... | \$242,000.00 | |
| Labor consumed in making tools..... | 4,000.00 | |
| | | 246,000.00 |
| Total direct labor..... | | \$446,000.00 |

The rate of manufacturing overhead to direct labor for the year 1929 should be set at 115.31+ % as the actual manufacturing overhead amounted to \$518,900 which is 115.31+ % of the actual direct labor of \$450,000.

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The charge to tools made by the company for manufacturing overhead should be based upon the actual rate, rather than upon the estimated rate of 125%.

Cost of tools manufactured by the company:

| | |
|--|-------------------|
| Materials | \$1,000.00 |
| Direct labor | 4,000.00 |
| Manufacturing overhead (115.31 + % of \$4,000) | 4,612.44 |
| | <u> </u> |
| Total cost | <u>\$9,612.44</u> |

As the problem does not give sufficient data to enable the candidate to compute depreciation on these tools, no adjustment can be made in the amount of depreciation on tools set aside by the company.

Schedule 3

WALTON ELECTRIC DISHWASHING CORPORATION

Schedule of raw material used for the year ended December 31, 1929

| | |
|---|-----------------------|
| Inventory, January 1, 1929 | \$ 404,460.00 |
| Purchases of materials | 1,625,000.00 |
| | <u> </u> |
| Total | \$2,029,460.00 |
| Less—inventory, December 31, 1929 | 380,000.00 |
| | <u> </u> |
| Materials used | \$1,649,460.00 |
| Less—materials consumed in making company tools | \$ 1,000.00 |
| Indirect materials consumed | 54,460.00 |
| | <u> </u> |
| | 55,460.00 |
| | <u> </u> |
| Raw materials used in production | <u>\$1,594,000.00</u> |

The inventories of finished machines and machines in process both at January 1, 1929 (December 31, 1928), and December 31, 1929, should be adjusted to give effect to the actual overhead rather than the estimated overhead for the respective years. During 1928 a rate of 125% was used in costing, while the actual rate was ($\$480,000 \div \$300,000$) 160%.

| | Machines in process | Finished machines |
|---------------------------------------|------------------------|----------------------|
| Inventories, January 1, 1929: | | |
| Materials | \$200,000.00 | \$100,000.00 |
| Labor | 80,000.00 | 20,000.00 |
| Actual overhead (160% of labor) | 128,000.00 | 32,000.00 |
| | <u> </u> | <u> </u> |
| Total | <u>\$408,000.00</u> | <u>\$152,000.00</u> |

WALTON ELECTRIC DISHWASHING CORPORATION

Statement of cost of goods manufactured and sold in total and by units for the year ended December 31, 1929

| | Total amount | | | | By units | | | | |
|---|----------------|--------------|---------------|----------------|-----------|-----------|----------|---------------|----------|
| | Materials | Labor | Mfg. overhead | Total | Ma-chines | Materials | Labor | Mfg. overhead | Total |
| Machines in process January 1, 1929 | \$ 200,000.00 | \$ 80,000.00 | \$128,000.00 | \$ 408,000.00 | 6,050 | \$33,058 | \$13,223 | \$21,157 | \$67,438 |
| Cost of manufacturing (schedules 1, 2 and 3) | 1,594,000.00 | 446,000.00 | 514,287.56 | 2,554,287.56 | 33,650 | 47,370 | 13,254 | 15,283 | 75,907 |
| Total | \$1,794,000.00 | \$526,000.00 | \$642,287.56 | \$2,962,287.56 | 39,700 | \$45,189 | \$13,249 | \$16,179 | \$74,617 |
| <i>Deduct</i> —machines in process, December 31, 1929 | 267,000.00 | 112,000.00 | 129,148.44 | 508,148.44 | 7,620 | 35,039 | 14,698 | 16,949 | 66,686 |
| Cost of machines manufactured | \$1,527,000.00 | \$414,000.00 | \$513,139.12 | \$2,454,139.12 | 32,080 | \$47,600 | \$12,905 | \$15,996 | \$76,501 |
| Finished machines, January 1, 1929 | 100,000.00 | 20,000.00 | 32,000.00 | 152,000.00 | 1,854 | 53,937 | 10,788 | 17,260 | 81,985 |
| Total | \$1,627,000.00 | \$434,000.00 | \$545,139.12 | \$2,606,139.12 | 33,934 | \$47,946 | \$12,790 | \$16,065 | \$76,800 |
| <i>Deduct</i> —finished machines December 31, 1929 .. | 133,000.00 | 28,000.00 | 32,287.11 | 193,287.11 | 2,515 | 52,883 | 11,133 | 12,838 | 76,854 |
| Cost of machines sold | \$1,494,000.00 | \$406,000.00 | \$512,852.01 | \$2,412,852.01 | 31,419 | \$47,551 | \$12,922 | \$16,323 | \$76,796 |

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The inventories at December 31, 1929, should be adjusted also to give effect to the actual rate of overhead of \$115.31+ %.

| | Machines in process | Finished machines |
|--|------------------------|----------------------|
| Inventories, December 31, 1929: | | |
| Materials | \$267,000.00 | \$133,000.00 |
| Labor | 112,000.00 | 28,000.00 |
| Actual overhead (115.31+ % of labor) | 129,148.44 | 32,287.11 |
| Total | \$508,148.44 | \$193,287.11 |

ILLINOIS C. P. A. EXAMINATION

The following problem was set by the examiners in accountancy, University of Illinois, in the examination in accounting, theory and practice—part I, held on November 20, 1930. The suggested time allowance was one hour and thirty minutes:

Problem:

John M. Good, a merchant, has called you in to review his individual federal income tax return for the calendar year 1929, which was prepared by his bookkeeper. Aside from his business proprietorship, no books were kept.

Mr. Good is a citizen of the United States, maintaining his home in Chicago, Illinois. He is the father of two children in school, neither of whom contribute to their own support, one seventeen and the other twenty years of age.

Mr. Good's wife, Mary B. Good, died August 5, 1929. The administrator of her estate filed an individual federal income tax return for her covering the period up to and including the date of death. On the individual return he deducted \$3,500 for personal exemption.

The bookkeeper has computed Mr. Good's tax as follows:

| | Particulars | Amount |
|---|-------------|---------------------|
| Income: | | |
| Salary | \$ 3,600.00 | |
| Income from business | 32,540.76 | |
| Interest on deposits, bonds, etc. | 12,172.48 | |
| Rents and royalties | 2,210.65 | |
| Profits from sale of real estate, stocks, bonds, etc. | 90,671.30 | |
| Dividends on stock | 5,720.52 | |
| Income from fire insurance | 1,778.40 | |
| Total income | | \$148,694.11 |
| Deductions: | | |
| Interest paid | \$ 2,648.73 | |
| Taxes paid | 3,017.21 | |
| Bad debts | 2,000.00 | |
| Contributions | 600.00 | |
| Total deductions | | 8,265.94 |
| Net income | | \$140,428.17 |
| Computation of Tax | | |
| Net Income | | \$140,428.17 |
| Less: | | |
| Dividends | \$ 5,720.52 | |
| Credit for dependents | 800.00 | |
| Personal exemption | 3,500.00 | 10,020.52 |
| Balance | | \$130,407.65 |

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| | |
|--|--------------|
| Normal tax—1½% on \$4,000..... | \$ 60.00 |
| 3 % on next \$4,000..... | 120.00 |
| 5 % on balance of \$122,407.65.... | 6,120.38 |
| Surtax of 20% on \$140,428.17..... | 28,085.63 |
| | \$ 34,386.01 |
| Less—Credit of 25% on earned income..... | 422.00 |
| Net tax..... | \$ 33,964.01 |

You determine the following facts pertinent to the situation:

The salary of \$3,600 was received from the D Corporation of which Mr. Good is an officer and director.

Income from a private business of Mr. Good's was computed as follows:

| Particulars | Amount |
|---------------------------------------|--------------|
| Total receipts..... | \$781,426.38 |
| Cost of merchandise sold (net)..... | \$525,469.09 |
| Salaries..... | 100,048.60 |
| Interest..... | 6,211.14 |
| Taxes..... | 895.32 |
| Bad debts..... | 9,410.16 |
| Depreciation..... | 14,786.92 |
| Rent, repairs and other expenses..... | 92,064.39 |
| | 748,885.62 |
| Net profit..... | \$ 32,540.76 |

Receipts included \$150 from the sale of certain old fixtures which had originally cost \$1,355, and, including the writeoff for 1929, had been depreciated by \$1,005. The fixtures had not been removed from the asset account on the books of the business.

Other business expense included \$728.48, the cost of repairs and upkeep of Mr. Good's automobile which was used for business purposes about 75% of the time.

Interest income included:

| Particulars | Amount |
|-------------------------------------|--------------|
| On bank deposits..... | \$ 769.48 |
| From industrial bonds..... | 5,388.00 |
| From utility bonds..... | 4,365.00 |
| From Cook county highway bonds..... | 1,650.00 |
| | \$ 12,172.48 |

All utility bonds owned by Mr. Good were tax-free-covenant issues on which a 2% tax had been paid at the source.

Rents were analyzed as follows:

| Particulars | Amount received | Cost of asset | Depreciation | Repairs | Other expense | Net profit |
|-----------------|-----------------|---------------|--------------|------------|---------------|------------|
| Building A..... | \$16,245.00 | \$192,645.00 | \$3,852.00 | \$3,621.16 | \$6,480.03 | \$2,290.91 |
| Building B..... | 6,000.00 | 78,240.00 | 1,564.80 | 1,195.20 | 3,320.26 | 80.26 |
| | | | | | | \$2,210.65 |

The loss from Building B was attributed to the fact that Mr. Good occupied one of the six apartments in this building and that no income was realized from that apartment.

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Profit from sale of real estate, stock, bonds, etc., was made up of the following items:

| | Date acquired | Amount received | Depreci- ation allowable | Cost | Subsequent improve- ments | Net profit |
|-------------------------------------|------------------|--------------------|--------------------------------|------------------|---------------------------------|------------------|
| Factory building..... | 1928 | \$73,425.00 | \$12,865.80 | \$77,349.50 | \$7,480.00 | \$1,461.30 |
| Stock rights (Master Corp.)..... | 1929 | 210.00 | | | | 210.00 |
| Barrington Mach. stock..... | 1925 | 110,500.00 | | 21,500.00 | | 89,000.00 |
| | | <u>110,500.00</u> | <u>12,865.80</u> | <u>21,500.00</u> | | <u>90,671.30</u> |

The 20 stock rights (one right had been received for each 5 shares held) were sold at \$10.50 each and had been acquired as the result of the ownership of 100 shares of Master Corporation stock purchased in 1922 by Mr. Good at \$93 a share. The market price of the stock at the time the rights were issued was \$138 a share and the market value of the rights was \$7.50 each. The proper proportion of cost should be allocated to the rights.

Dividends were received from:

| | |
|---|-------------------|
| 200 shares M and M Bank stock..... | \$3,000.00 |
| 50 shares Belding Foundry stock..... | 175.00 |
| 82½ shares Jordan Building Co. stock..... | 538.52 |
| 60 shares Hemple & Co. stock..... | 2,007.00 |
| | <u>\$5,720.52</u> |

Hemple & Co. had discontinued business in 1928 and the dividend received in 1929 was the first liquidating dividend. The stock had been purchased at par (\$100) in 1920.

Income from fire insurance was received as compensation for damage done to a garage which was entirely destroyed by fire. The garage was built by Mr. Good at the cost of \$1,890 on which depreciation of \$629.50 had been taken. After the fire the structure was rebuilt at a cost of \$2,118.

Interest expense of \$2,648.73 covered personal borrowings and included \$378.15 of accrued interest. Taxes paid were as follows:

| | |
|---|-------------------|
| Personal property..... | \$ 216.85 |
| Real estate, including \$1,047.60 of special new paving assessment..... | 2,800.36 |
| | <u>\$3,017.21</u> |

Real estate tax bills of \$4,932.60, including \$1,998.57 of special paving assessments were due but unpaid.

The \$2,000 bad debt consisted of money loaned to Mr. Good's brother in 1928. There was no note to support the loan. The brother's death in 1929 precluded the possibility of collecting; Mr. Good did not desire to press the claim because the net estate going to the widow was only \$5,000. Contributions were made up as follows:

| | |
|-------------------------------------|------------------|
| Church..... | \$ 350.00 |
| Y. M. C. A. building fund..... | 50.00 |
| Salvation Army Christmas chest..... | 50.00 |
| Democratic party campaign fund..... | 150.00 |
| Total..... | <u>\$ 600.00</u> |

Recompute Mr. Good's income tax liability, prepare the necessary supporting schedules, and explain any differences between your figures and those of the bookkeeper.

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The applicable surtax rates in force during 1929 were:

| Income | Rate applicable to last bracket of income | Total surtax |
|--------------|--|-----------------|
| \$ 14,000.00 | 1 | \$ 40.00 |
| 16,000.00 | 2 | 80.00 |
| 48,000.00 | 12 | 2,720.00 |
| 52,000.00 | 13 | 3,240.00 |
| 56,000.00 | 14 | 3,800.00 |
| 60,000.00 | 15 | 4,400.00 |
| 64,000.00 | 16 | 5,040.00 |
| 70,000.00 | 17 | 6,060.00 |
| 80,000.00 | 18 | 7,860.00 |
| 100,000.00 | 19 | 11,600.00 |
| 100,000.00+ | 20 | |

Solution:

No adjustment is necessary to account for the salary of \$3,600 received from the D Corporation, of which Mr. Good is an officer and a director, as this amount was correctly included in the computation of Mr. Good's tax as prepared by the bookkeeper.

The income from the private business of Mr. Good should be adjusted (1) to exclude from the total receipts the amount (\$150) received from the sale of the old fixtures, and (2) to include only 75% of the automobile expense of \$728.48 incurred during the year in the operation of the automobile. These adjustments are explained below:

| | |
|--|--------------|
| Total receipts from business: | |
| Per bookkeeper's computation | \$781,426.38 |
| <i>Deduct</i> —Amount received from sale of fixtures | 150.00 |
| | _____ |
| Total receipts from business as adjusted | \$781,276.38 |
| | _____ |
| Rents, repairs and other expenses: | |
| Per bookkeeper's computation | \$ 92,064.39 |
| <i>Deduct</i> —Automobile expenses applicable to personal use: | |
| Total expense of operating automobile | \$ 728.48 |
| 25% of \$728.48 (the automobile is used for business purposes about 75% of the time) | 182.12 |
| | _____ |
| Rents, repairs and other expenses as adjusted | \$ 91,882.27 |
| | _____ |

The loss on the sale of the fixtures is considered later with the gains or losses from sales of other assets subject to the capital net gain section of the regulations. After giving effect to the two above adjustments, the income

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from the private business of Mr. Good should be shown in schedule A of form 1040 as follows:

| | |
|--|---------------------|
| Total receipts from business | \$781,276.38 |
| Net cost of goods sold | \$525,469.09 |
| Salaries | 100,048.60 |
| Interest | 6,211.14 |
| Taxes | 895.32 |
| Bad debts | 9,410.16 |
| Depreciation | 14,786.92 |
| Rent, repairs and other expenses | 91,882.27 |
| | |
| Total deductions | 748,703.50 |
| | |
| Net profit | <u>\$ 32,572.88</u> |

The interest income should be set forth separately in the return showing:
Interest on bank deposits, notes, etc. (except interest on tax-free covenant bonds):

| | |
|--|---------------------|
| On bank deposits | \$ 769.48 |
| From industrial bonds | 5,388.00 |
| | |
| | \$ 6,157.48 |
| Interest on tax-free covenant bonds: | |
| From utility bonds (upon which a 2% tax had been paid at the source) | 4,365.00 |
| Interest on tax exempt bonds (should be shown in schedule E of the return): | |
| From Cook county highway bonds | 1,650.00 |
| | |
| Total interest income | <u>\$ 12,172.48</u> |

The income from rents should be corrected to account for the apartment in Building B (a six apartment building) occupied by Mr. Good, by apportioning the expenses; i. e., reducing the expenses shown by the bookkeeper by one-sixth. Schedule B of the return would appear as follows:

| Particulars | Amount received | Cost of asset | Depreciation | Repairs | Other expenses | Net profit |
|----------------------|--------------------|---------------------|-------------------|-------------------|-------------------|-------------------|
| Building A | \$16,245.00 | \$192,645.00 | \$3,852.90 | \$3,621.16 | \$6,480.03 | \$2,290.91 |
| Building B | 6,000.00 | 78,240.00 | 1,304.00 | 996.00 | 2,766.88 | 933.12 |
| | | | | | | |
| Totals | <u>\$22,245.00</u> | <u>\$270,885.00</u> | <u>\$5,156.90</u> | <u>\$4,617.16</u> | <u>\$9,246.91</u> | <u>\$3,224.03</u> |

Profit from sale of real estate, stocks, bonds, etc. (schedule C of the return), should include only the sale of the factory building acquired in 1928. The sale of the old fixtures, stock and stock rights should be shown in schedule D of the return which is considered immediately thereafter.

| Kind of property | Date acquired | Amount received | Depreciation allowable | Subsequent improvements | Net profit |
|----------------------------|---------------|-------------------|------------------------|-------------------------|-------------------|
| Factory building | 1928 | \$73,425.00 | \$12,865.80 | \$77,349.50 | \$7,480.00 |
| | | <u>\$7,480.00</u> | <u>\$12,865.80</u> | <u>\$77,349.50</u> | <u>\$1,461.30</u> |

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Capital assets as defined in the regulations include "property held by the taxpayer for more than two years" and not held "primarily for sale in the course of his trade or business." The "capital net gain" is the taxable gain from sales of such property. While no date of acquisition of the "certain old fixtures" is given in the problem, it is apparent that, considering the ratio of the amount of the accumulated depreciation to the original cost of the asset, the fixtures were purchased prior to the year 1928. The stock investment in Barrington machine was acquired in 1925. A point not generally known, however, is that the sale of the stock rights received during the year 1929, is subject to the capital net gain provisions, for these rights are considered to have been "acquired" at the original date of acquisition of the stock (1922). Gain or loss on the sale of rights of Master Corporation, is determined by ascertaining the difference between the amount received and the cost or basis for the rights as prescribed by the regulations. The cost or basis for the stock should be divided between the stock and the rights in proportion to their relative market values at the time the rights are issued. Accordingly, the original cost of the investment of \$9,300 should be divided between the 100 shares of stock with a market price of \$13,800 and the rights with a market price of (20 x \$7.50) \$150.

| | Market price | Ratio | Cost or "basis" |
|-------------|-----------------|---------|--------------------|
| Stock..... | \$13,800.00 | 98.92% | \$9,200.00 |
| Rights..... | 150.00 | 1.08 | 100.00 |
| | | | |
| Total..... | \$13,950.00 | 100.00% | \$9,300.00 |

The capital net gain section of the return (schedule D) should be set up to include the following:

| Kind of property | Date acquired | Date sold | Amount realized | Depreci- ation | "Cost or value" | Net gain or loss |
|--|------------------|--------------|--------------------|-------------------|--------------------|---------------------|
| Fixtures..... | ? | 1929 | \$ 150.00 | \$1,005.00 | \$ 1,355.00 | \$ 200.00* |
| Barrington machine stock.... | 1925 | 1929 | 110,500.00 | | 21,500.00 | 89,000.00 |
| Stock rights (Master Corpo- ration..... | 1922 | 1929 | 210.00 | | 100.00 | 110.00 |
| | | | | | | |
| Totals..... | | | \$110,860.00 | \$1,005.00 | \$22,955.00 | \$88,910.00 |

The first liquidating dividend received on the 60 shares of Hemple & Co. stock amounting to \$2,007, is not subject to tax inasmuch as it represents an amount in partial liquidation, and presumably further liquidating dividends will be received. "The gain or loss to a shareholder from a distribution in liquidation is to be determined . . . by comparing the amount of the distribution with the cost or other basis of the stock." (Article 625 of regulation 74.) As the amount received (\$2,007) is less than the price paid for the stock (\$6,000), the dividend received is to be considered as a return of the cost, and is, therefore, not taxable. If this dividend were in complete liquidation, that

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is, if no further dividends were to be received, the excess of the cost of \$6,000 over the amount received, \$2,007, would be a deductible loss, subject to the capital net gain provisions of the regulations. The amount of dividends to be reported would show:

| | | |
|--------------------------------|------------------------------------|------------|
| 200 | shares M and M Bank stock | \$3,000.00 |
| 50 | shares Belding foundry stock | 175.00 |
| 82½ | shares Jordan building stock | 538.52 |
| Total dividends received | | \$3,713.52 |

The item of income from fire insurance \$1,778.40, is not subject to tax as it represents the amount received from the insurance companies as compensation for damage done to a garage which was entirely destroyed by fire, and immediately rebuilt at a cost of \$2,118. Article 579 of regulations 74 states, "If the property so destroyed . . . is replaced in kind by similar property, . . . no gain or loss is recognized."

The interest expense should be corrected to eliminate the item of \$378.15 of accrued interest, as Mr. Good's personal income is reported on the receipts and disbursements basis. The correct amount of interest is: (2,648.73 less \$378.15) \$2,270.58.

The real estate taxes accrued should not be reported as deductions for the same reason given above. The amounts paid on special new paving assessments are capital expenditures and are not deductible. The taxes to be deducted should appear (schedule F):

| | | |
|------------------------------|--|------------|
| Personal property | | \$ 216.85 |
| Real estate | | 1,752.76 |
| Total taxes deductible | | \$1,969.61 |

No deduction may be made for the "bad debt" of \$2,000, for had Mr. Good pressed his claim, as he might have done under a strictly debtor-creditor relationship, a partial, if not a complete recovery may have been made. The internal revenue department would, most likely, consider Mr. Good's motives in not pressing his claim as "charitable."

The "contribution" to the Democratic party campaign fund of \$150 is not deductible as a contribution and should be excluded. The corrected list of contributions should show (schedule F):

| | | |
|--------------------------------------|--|-----------|
| Church | | \$ 350.00 |
| Y. M. C. A. building fund | | 50.00 |
| Salvation Army Christmas chest | | 50.00 |
| Total contributions | | \$ 450.00 |

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A recapitulation of the corrections explained above are set forth in the statement following:

Statement showing differences between bookkeeper's computations and corrected amounts

| Income | Bookkeeper's computation | As corrected | Increase or decrease |
|---|-----------------------------|---------------------|----------------------------|
| Salaries—D Corporation | \$ 3,600.00 | \$ 3,600.00 | \$ |
| Income from business | 32,540.76 | 32,572.88 | 32.12 |
| Interest on deposits, bonds, etc. | 12,172.48 | 6,157.48 | 6,015.00 |
| Interest on tax-free covenant bonds | | 4,365.00 | 4,365.00 |
| Rents and royalties | 2,210.65 | 3,224.03 | 1,013.38 |
| Profit from sale of real estate | 90,671.30 | 1,461.30 | 89,210.00 |
| Dividends on stock | 5,720.52 | 3,713.52 | 2,007.00 |
| Income from fire insurance | 1,778.40 | | 1,778.40 |
| Total income | <u>\$148,694.11</u> | <u>\$ 55,094.21</u> | <u>\$93,599.90</u> |
| Deductions | | | |
| Interest paid | \$ 2,648.73 | \$ 2,270.58 | \$378.15 |
| Taxes paid | 3,017.21 | 1,969.61 | 1,047.60 |
| Bad debts | 2,000.00 | | 2,000.00 |
| Contributions | 600.00 | 450.00 | 150.00 |
| Total deductions | <u>\$ 8,265.94</u> | <u>\$ 4,690.19</u> | <u>\$ 3,575.75</u> |
| Net income | <u>\$140,428.17</u> | <u>\$ 50,404.02</u> | <u>\$90,024.15</u> |
| Capital gain | | 88,910.00 | 88,910.00 |
| Total | <u>\$140,428.17</u> | <u>\$139,314.02</u> | <u>\$ 1,114.15</u> |

The bookkeeper in his computation of income tax payable deducted \$800 as credit for two dependents. Mr. Good was entitled to a credit of only \$400 for the child under eighteen years of age. The personal exemption of \$3,500 is correct, as the taxpayer was the "head of a family."

The rates of both normal and surtax used by the bookkeeper were incorrect. By a special act of congress, the normal tax rates for the year 1929 were reduced from 1½%, 3% and 5%, to ½%, 2% and 4%. Surtax should have been based upon the rates given in the problem, not upon a flat rate of 20%.

JOHN M. GOOD

Individual income-tax return for calendar year 1929

| Income | |
|---|--------------------|
| Salary—D Corporation | \$3,600.00 |
| Income from business or profession (schedule A) | 32,572.88 |
| Interest on bank deposits, notes, corporation bonds, etc. | 6,157.48 |
| Interest on tax-free covenant bonds (2%) | 4,365.00 |
| Rents and royalties (schedule B) | 3,224.03 |
| Profit from sale of real estate (schedule C) | 1,461.30 |
| Dividends on stock of domestic corporations | 3,713.52 |
| Total income | <u>\$55,094.21</u> |

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| Deductions | | |
|--|-------------|-------------|
| Interest paid | \$2,270.58 | |
| Taxes paid (schedule F) | 1,969.61 | |
| Contributions (schedule F) | 450.00 | |
| | | |
| Total deductions | | 4,690.19 |
| | | |
| Net income | | \$50,404.02 |
| | | |
| Earned income credit | | |
| Earned income: | | |
| Salary | \$3,600.00 | |
| 20% of income from business (note) | 6,514.58 | \$10,114.58 |
| | | |
| <i>Less</i> personal exemption and credit for dependents | | 3,900.00 |
| | | |
| Balance | | \$ 6,214.58 |
| Amount taxable at ½% | | 4,000.00 |
| | | |
| Amount taxable at 2% | | \$ 2,214.58 |
| | | |
| Normal tax: | | |
| ½% of \$4,000.00 | 20.00 | |
| 2% of \$2,214.58 | 44.29 | |
| | | \$ 64.29 |
| Surtax on | \$10,115.48 | |
| 0% | 10,000.00 | |
| | | |
| 1% of | \$ 114.58 | 1.15 |
| | | |
| Tax on earned net income | | \$ 65.44 |
| | | |
| Credit of 25% of tax (\$65.44) | | \$ 16.36 |
| | | |

NOTE.—Earned income is limited to amounts received as compensation for personal services actually rendered, and to an amount not in excess of 20% of the net profits accruing from a business in which both personal services and capital are “material income-producing factors.”

| Computation of tax | | |
|---------------------------------|-------------|----------|
| | Amount | Tax |
| Net income | \$50,404.02 | |
| <i>Less:</i> | | |
| Dividends | \$3,713.52 | |
| Credit for dependents | 400.00 | |
| Personal exemption | 3,500.00 | 7,613.52 |
| | | |
| Balance | \$42,790.50 | |

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| | | |
|---|-------------|-------------|
| Amount taxable at ½%.... | \$4,000.00 | \$20.00 |
| Balance..... | \$38,790.50 | |
| Amount taxable at 2%..... | 4,000.00 | 80.00 |
| Balance..... | \$34,790.50 | |
| Amount taxable at 4%..... | 34,790.50 | 1,391.62 |
| <hr/> | | |
| Surtax: | Net Income | |
| From table, on..... | \$48,000.00 | \$2,720.00 |
| 13% of..... | 2,404.02 | 312.52 |
| Total..... | \$50,404.02 | 3,032.52 |
| <hr/> | | |
| Tax on net income..... | | \$ 4,524.14 |
| Tax on capital gain or loss | | |
| 12½% of \$88,910..... | | 11,113.75 |
| Total..... | | \$15,637.89 |
| Less credit of 25% of tax on earned income..... | | 16.36 |
| Total tax..... | | \$15,621.53 |
| Less income tax paid at source (2% of \$4,365)..... | | 87.30 |
| Balance of tax..... | | \$15,534.23 |