

Soroban Technology Lab

3 Kyu Receipts (20 min)

|      |  |       |  |
|------|--|-------|--|
| No.  |  | Name  |  |
| Date |  | Score |  |

|    |  |    |  |
|----|--|----|--|
| 1  |  | 11 |  |
| 2  |  | 12 |  |
| 3  |  | 13 |  |
| 4  |  | 14 |  |
| 5  |  | 15 |  |
| 6  |  | 16 |  |
| 7  |  | 17 |  |
| 8  |  | 18 |  |
| 9  |  | 19 |  |
| 10 |  | 20 |  |

3 Kyu Receipts (20 min)

| 3 Kyu<br>Receipts<br>(20 min) |   |        |     |        |
|-------------------------------|---|--------|-----|--------|
|                               |   | (2)    |     |        |
| (1)                           | ¥ | 80,179 |     |        |
| (2)                           | ¥ | 542    |     |        |
| (3)                           | ¥ | 6,370  |     |        |
| (4)                           | ¥ | 49,703 |     |        |
| (5)                           | ¥ | 7,564  |     |        |
|                               |   | (3)    | (1) | (1)    |
| (1)                           | ¥ | 6,704  | ¥   | 985    |
| (2)                           | ¥ | 34,826 | ¥   | 8,459  |
| (3)                           | ¥ | 4 / 5  | ¥   | 79,186 |
| (4)                           | ¥ | 8,951  | ¥   | 1,264  |
| (5)                           | ¥ | 52,690 | ¥   | 312    |

3 Kyu Receipts (20 min)

| (6)   |        | (4)   |        |
|-------|--------|-------|--------|
| (1) ¥ | 45,029 | (1) ¥ | 425    |
| (2) ¥ | 7,250  | (2) ¥ | 5,730  |
| (3) ¥ | 903    | (3) ¥ | 80,264 |
| (4) ¥ | 8,367  | (4) ¥ | 326    |
| (5) ¥ | 20,174 | (5) ¥ | 6,948  |
| (7)   |        | (5)   |        |
| (1) ¥ | 394    | (1) ¥ | 3,801  |
| (2) ¥ | 81,906 | (2) ¥ | 614    |
| (3) ¥ | 7,851  | (3) ¥ | 5,342  |
| (4) ¥ | 915    | (4) ¥ | 94,280 |
| (5) ¥ | 1,783  | (5) ¥ | 459    |

3 Kyu Receipts (20 min)

|       |        |        |
|-------|--------|--------|
| (1) ¥ | (10)   | (8)    |
| (2) ¥ | 7,863  | 2,516  |
| (3) ¥ | 90,137 | 173    |
| (4) ¥ | 1,842  | 62,097 |
| (5) ¥ | 510    | 7,584  |
| (5) ¥ | 65,738 | 930    |

The next pages are questions (6)–(10).

|       |        |
|-------|--------|
| (1) ¥ | (9)    |
| (2) ¥ | 16,237 |
| (3) ¥ | 2,968  |
| (4) ¥ | 539    |
| (5) ¥ | 60,723 |
| (5) ¥ | 8,012  |

3 Kyu Receipts (20 min)

|      |          |      |          |
|------|----------|------|----------|
| (13) |          | (11) |          |
| (1)  | ¥ 5,832  | (1)  | ¥ 306    |
| (2)  | ¥ 68,427 | (2)  | ¥ 1,538  |
| (3)  | ¥ 761    | (3)  | ¥ 40,915 |
| (4)  | ¥ 1,856  | (4)  | ¥ 6,104  |
| (5)  | ¥ 28,734 | (5)  | ¥ 817    |
| (14) |          | (12) |          |
| (1)  | ¥ 491    | (1)  | ¥ 97,524 |
| (2)  | ¥ 2,960  | (2)  | ¥ 890    |
| (3)  | ¥ 85,023 | (3)  | ¥ 1,427  |
| (4)  | ¥ 734    | (4)  | ¥ 38,572 |
| (5)  | ¥ 9,045  | (5)  | ¥ 4,956  |

3 Kyu Receipts (20 min)

|      |          |      |          |
|------|----------|------|----------|
| (17) |          | (15) |          |
| (1)  | ¥ 896    | (1)  | ¥ 2,053  |
| (2)  | ¥ 10,452 | (2)  | ¥ 501    |
| (3)  | ¥ 9,738  | (3)  | ¥ 6,480  |
| (4)  | ¥ 480    | (4)  | ¥ 93,218 |
| (5)  | ¥ 3,867  | (5)  | ¥ 129    |
| (18) |          | (16) |          |
| (1)  | ¥ 1,234  | (1)  | ¥ 70,168 |
| (2)  | ¥ 926    | (2)  | ¥ 4,739  |
| (3)  | ¥ 34,279 | (3)  | ¥ 501    |
| (4)  | ¥ 5,047  | (4)  | ¥ 2,965  |
| (5)  | ¥ 201    | (5)  | ¥ 96,073 |

3 Kyu Receipts (20 min)

|                                                                                                                                 |  |                                                                                                                                    |  |
|---------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------|--|
| <div>The next pages are questions (11)–(15).</div>                                                                              |  | <div>(19)</div> <div>(1) ¥ 89,047</div> <div>(2) ¥ 3,751</div> <div>(3) ¥ 682</div> <div>(4) ¥ 20,936</div> <div>(5) ¥ 5,420</div> |  |
| <div>(21)</div> <div>(1) ¥ 675</div> <div>(2) ¥ 8,409</div> <div>(3) ¥ 30,894</div> <div>(4) ¥ 5,017</div> <div>(5) ¥ 796</div> |  | <div>(20)</div> <div>(1) ¥ 6,715</div> <div>(2) ¥ 78,364</div> <div>(3) ¥ 3,956</div> <div>(4) ¥ 179</div> <div>(5) ¥ 83,561</div> |  |

3 Kyu Receipts (20 min)

|      |          |      |          |
|------|----------|------|----------|
| (24) |          | (22) |          |
| (1)  | ¥ 462    | (1)  | ¥ 47,239 |
| (2)  | ¥ 5,126  | (2)  | ¥ 964    |
| (3)  | ¥ 62,951 | (3)  | ¥ 8,326  |
| (4)  | ¥ 890    | (4)  | ¥ 74,683 |
| (5)  | ¥ 7,164  | (5)  | ¥ 3,012  |
| (25) |          | (23) |          |
| (1)  | ¥ 9,027  | (1)  | ¥ 2,381  |
| (2)  | ¥ 372    | (2)  | ¥ 73,015 |
| (3)  | ¥ 5,739  | (3)  | ¥ 130    |
| (4)  | ¥ 20,354 | (4)  | ¥ 6,972  |
| (5)  | ¥ 421    | (5)  | ¥ 98,306 |

3 Kyu Receipts (20 min)

|       |        |       |        |
|-------|--------|-------|--------|
| (28)  |        | (26)  |        |
| (1) ¥ | 5,369  | (1) ¥ | 86,501 |
| (2) ¥ | 274    | (2) ¥ | 1,963  |
| (3) ¥ | 84,607 | (3) ¥ | 275    |
| (4) ¥ | 3,471  | (4) ¥ | 4,528  |
| (5) ¥ | 685    | (5) ¥ | 37,052 |
| (29)  |        | (27)  |        |
| (1) ¥ | 31,458 | (1) ¥ | 180    |
| (2) ¥ | 6,897  | (2) ¥ | 40,851 |
| (3) ¥ | 174    | (3) ¥ | 6,512  |
| (4) ¥ | 91,506 | (4) ¥ | 936    |
| (5) ¥ | 4,319  | (5) ¥ | 5,847  |

3 Kyu Receipts (20 min)

|       |      |      |
|-------|------|------|
| (1) ¥ | (31) | (30) |
| (2) ¥ |      |      |
| (3) ¥ |      |      |
| (4) ¥ |      |      |
| (5) ¥ |      |      |

|       |      |
|-------|------|
| (1) ¥ | (32) |
| (2) ¥ |      |
| (3) ¥ |      |
| (4) ¥ |      |
| (5) ¥ |      |

The next pages are questions (16)–(20).

3 Kyu Receipts (20 min)

|      |          |      |          |
|------|----------|------|----------|
| (35) |          | (33) |          |
| (1)  | ¥ 1,306  | (1)  | ¥ 9,867  |
| (2)  | ¥ 428    | (2)  | ¥ 73,054 |
| (3)  | ¥ 3,570  | (3)  | ¥ 836    |
| (4)  | ¥ 57,394 | (4)  | ¥ 4,302  |
| (5)  | ¥ 289    | (5)  | ¥ 56,719 |
| (36) |          | (34) |          |
| (1)  | ¥ 46,751 | (1)  | ¥ 230    |
| (2)  | ¥ 5,306  | (2)  | ¥ 6,512  |
| (3)  | ¥ 985    | (3)  | ¥ 17,403 |
| (4)  | ¥ 8,163  | (4)  | ¥ 785    |
| (5)  | ¥ 70,428 | (5)  | ¥ 3,478  |

3 Kyu Receipts (20 min)

|      |          |      |          |
|------|----------|------|----------|
| (39) |          | (37) |          |
| (1)  | ¥ 38,972 | (1)  | ¥ 628    |
| (2)  | ¥ 1,387  | (2)  | ¥ 30,291 |
| (3)  | ¥ 729    | (3)  | ¥ 2,856  |
| (4)  | ¥ 96,251 | (4)  | ¥ 902    |
| (5)  | ¥ 4,386  | (5)  | ¥ 5,310  |
| (40) |          | (38) |          |
| (1)  | ¥ 4,315  | (1)  | ¥ 7,190  |
| (2)  | ¥ 59,674 | (2)  | ¥ 879    |
| (3)  | ¥ 2,041  | (3)  | ¥ 64,391 |
| (4)  | ¥ 610    | (4)  | ¥ 5,476  |
| (5)  | ¥ 36,702 | (5)  | ¥ 295    |

## Answers 3 Kyu

### Receipts

|   |                 |    |                 |    |                 |    |                 |
|---|-----------------|----|-----------------|----|-----------------|----|-----------------|
| 1 | <u>¥164,133</u> | 6  | <u>¥274,266</u> | 11 | <u>¥191,196</u> | 16 | <u>¥193,905</u> |
| 2 | <u>¥232,605</u> | 7  | <u>¥172,548</u> | 12 | <u>¥170,451</u> | 17 | <u>¥181,287</u> |
| 3 | <u>¥244,809</u> | 8  | <u>¥183,762</u> | 13 | <u>¥208,656</u> | 18 | <u>¥147,591</u> |
| 4 | <u>¥232,623</u> | 9  | <u>¥170,091</u> | 14 | <u>¥208,539</u> | 19 | <u>¥206,208</u> |
| 5 | <u>¥164,610</u> | 10 | <u>¥232,803</u> | 15 | <u>¥178,497</u> | 20 | <u>¥180,198</u> |