



राजस्थान कर्मचारी चयन बोर्ड

राज्य कृषि प्रबंध संस्थान परिसर, दुर्गापुरा, जयपुर-302018, फोन- 0141-2552796

क्रमांक:-F29(32)/RSSB/Result/Fourth_Grade_2024 / 2025 /

दिनांक: यथा-हस्ताक्षरित

चतुर्थ श्रेणी कर्मचारी सीधी भर्ती-2024 में उत्तीर्ण अभ्यर्थियों का वरीयतानुसार संशोधित परिणाम

बोर्ड द्वारा प्रशासनिक सुधार विभाग से विभिन्न विभागों/अधीनस्थ कार्यालयों, शासन सचिवालय एवं राजस्थान लोक सेवा आयोग के लिये चतुर्थ श्रेणी सेवा (भर्ती एवं सेवा की अन्य शर्तें), 1999 यथा संशोधित एवं राजस्थान अनुसूचित क्षेत्र अधीनस्थ, मंत्रालयिक एवं चतुर्थ श्रेणी सेवा (भर्ती एवं सेवा की अन्य शर्तें) नियम, 2014 के अन्तर्गत चतुर्थ श्रेणी कर्मचारी के गैर-अनुसूचित क्षेत्र के 48200 एवं अनुसूचित क्षेत्र के 5550 कुल 53750 पदों के लिए क्रमांक F29(32)/RSSB/Result/Fourth_Grade_2024 / 2025 दिनांक 15.01.2026 द्वारा वरीयतानुसार परिणाम जारी किया गया था जिसमें दिनांक 19.09.2025 को द्वितीय पारी में आयोजित परीक्षा के प्रश्न पत्र कोड A23Z के एक प्रश्न का उत्तर संशोधित किया गया है। अतः उक्त परिणाम को अधिक्रमित करते हुए निम्नानुसार संशोधित परिणाम जारी किया जाता है -

इसी क्रम में अभ्यर्थियों द्वारा आवेदन फार्म में दर्ज सूचनाओं एवं परीक्षा में प्राप्तांकों के आधार पर उत्तीर्ण अभ्यर्थियों की वरीयता सूची तैयार की गई है।

उत्तीर्ण अभ्यर्थियों के रोल नम्बर एवं वरीयता क्रम निम्नानुसार शीट्स पर दिया गया है -

| रोल नम्बर | वरीयता क्रम हेतु परिणाम शीट संख्या |
|--------------------|------------------------------------|
| 1110101 to 1735997 | 1 |
| 1735999 to 2359597 | 2 |
| 2359599 to 2974100 | 3 |
| 2974101 to 3581160 | 4 |

नोट - उपर्युक्त तालिका में उल्लेखित रोल नम्बर रेंज अनुसार परिणाम शीट में अभ्यर्थी अपना मेरिट क्रमांक ज्ञात करने के पश्चात् गैर अनुसूचित क्षेत्र एवं अनुसूचित क्षेत्र के लिये क्रमशः परिशिष्ट-1 एवं परिशिष्ट-2 पर विस्तृत परिणाम देख सकते हैं।

गैर अनुसूचित क्षेत्र

| वरीयता क्रम | परिशिष्ट-1 की शीट संख्या |
|-------------------|--------------------------|
| 00001 – 58990 | 1 |
| 58991 – 117981 | 2 |
| 117882 – 176974 | 3 |
| 176975 – 235968 | 4 |
| 235969 – 294959 | 5 |
| 294960 – 353950 | 6 |
| 353951 – 412943 | 7 |
| 412944 – 471936 | 8 |
| 471937 – 530928 | 9 |
| 530929 – 589923 | 10 |
| 589924 – 648912 | 11 |
| 648913 – 707909 | 12 |
| 707910 – 766901 | 13 |
| 766902 – 825899 | 14 |
| 825900 – 884892 | 15 |
| 884893 – 943887 | 16 |
| 943888 – 1002878 | 17 |
| 1002879 – 1061868 | 18 |
| 1061869 – 1120860 | 19 |
| 1120861 – 1179851 | 20 |
| 1179852 – 1238840 | 21 |
| 1238841 – 1297828 | 22 |
| 1297829 – 1356816 | 23 |
| 1356817 – 1415806 | 24 |
| 1415807 – 1474790 | 25 |
| 1474791 – 1533780 | 26 |
| 1533781 – 1592770 | 27 |
| 1592771 – 1651762 | 28 |
| 1651763 – 1710753 | 29 |
| 1710754 – 1769748 | 30 |
| 1769749 – 1828739 | 31 |
| 1828740 – 1887730 | 32 |
| 1887731 – 1946723 | 33 |
| 1946724 – 2005717 | 34 |
| 2005718 – 2034039 | 35 |

अनुसूचित क्षेत्र



























| वरीयता क्रम | परिशिष्ट-2 की शीट संख्या |
|-------------------|--------------------------|
| 862 – 931432 | 1 |
| 931434 – 1467545 | 2 |
| 1467547 – 1877844 | 3 |
| 1877846 – 2034038 | 4 |











डिलीट प्रश्नों का विवरण:







































| SHIFT-1 (DS22) | | | | SHIFT-2 (A23Z) | | | |
|----------------|-----|-----------|---------------|----------------|-----|-----------|---------------|
| Series | Set | Questions | Deleted Ques. | Series | Set | Questions | Deleted Ques. |
| ○ | 1 | 1-120 | 43, 81 | ↑ | 1 | 1-120 | 83 |
| ✱ | 2 | 1-120 | 79, 120 | ë | 2 | 1-120 | 66 |
| ✱ | 3 | 1-120 | 74, 120 | ⇒ | 3 | 1-120 | 45 |
| ■ | 4 | 1-120 | 65, 86 | ÿ | 4 | 1-120 | 73 |
| ✱ | 5 | 1-120 | 48, 115 | š | 5 | 1-120 | 1 |
| ✱ | 6 | 1-120 | 41, 104 | ü | 6 | 1-120 | 23 |
| ● | 7 | 1-120 | 17, 107 | ž | 7 | 1-120 | 42 |
| ◆ | 8 | 1-120 | 7, 90 | ¿ | 8 | 1-120 | 18 |
| ☾ | 9 | 1-120 | 71, 90 | ‡ | 9 | 1-120 | 89 |
| ✿ | 10 | 1-120 | 3, 16 | Æ | 10 | 1-120 | 110 |
| ☼ | 11 | 1-120 | 46, 110 | ñ | 11 | 1-120 | 103 |
| ♣ | 12 | 1-120 | 4, 102 | € | 12 | 1-120 | 100 |
| ✿ | 13 | 1-120 | 42, 88 | å | 13 | 1-120 | 36 |
| ◆ | 14 | 1-120 | 13, 80 | ÷ | 14 | 1-120 | 58 |
| ✱ | 15 | 1-120 | 69, 112 | œ | 15 | 1-120 | 32 |
| ▲ | 16 | 1-120 | 64, 97 | ¥ | 16 | 1-120 | 16 |
| ★ | 17 | 1-120 | 47, 113 | @ | 17 | 1-120 | 116 |

| | | | | | | | |
|---|----|-------|---------|----|----|-------|-----|
| ✿ | 18 | 1-120 | 43, 105 | ➡ | 18 | 1-120 | 51 |
| ☆ | 19 | 1-120 | 68, 108 | ? | 19 | 1-120 | 77 |
| ◆ | 20 | 1-120 | 53, 97 | & | 20 | 1-120 | 4 |
| ♣ | 21 | 1-120 | 70, 113 | ↑↑ | 21 | 1-120 | 54 |
| ✿ | 22 | 1-120 | 11, 39 | ö | 22 | 1-120 | 49 |
| □ | 23 | 1-120 | 42, 102 | ± | 23 | 1-120 | 93 |
| ✿ | 24 | 1-120 | 27, 91 | ¢ | 24 | 1-120 | 120 |

| SHIFT-3 (1XY2) | | | | SHIFT-4 (DB29) | | | |
|----------------|-----|-----------|---------------|----------------|-----|-----------|---------------|
| Series | Set | Questions | Deleted Ques. | Series | Set | Questions | Deleted Ques. |
| K | 1 | 1-120 | 36, 101 | ♠ | 1 | 1-120 | 68 |
| # | 2 | 1-120 | 58,74 | ♣ | 2 | 1-120 | 52 |
| € | 3 | 1-120 | 32, 64 | ✿ | 3 | 1-120 | 9 |
| @ | 4 | 1-120 | 16,58 | ♣ | 4 | 1-120 | 20 |
| W | 5 | 1-120 | 18, 116 | ♣ | 5 | 1-120 | 80 |
| % | 6 | 1-120 | 22, 51 | ♣ | 6 | 1-120 | 91 |
| € | 7 | 1-120 | 77, 119 | ♣ | 7 | 1-120 | 110 |
| ♠ | 8 | 1-120 | 4, 83 | ♣ | 8 | 1-120 | 12 |
| ₹ | 9 | 1-120 | 54, 70 | ♣ | 9 | 1-120 | 33 |
| ○ | 10 | 1-120 | 36, 49 | ♣ | 10 | 1-120 | 65 |
| ₹ | 11 | 1-120 | 19, 93 | ♣ | 11 | 1-120 | 38 |

| | | | | | | | |
|---|----|-------|---------|---|----|-------|-----|
|  | 12 | 1-120 | 97, 120 |  | 12 | 1-120 | 28 |
|  | 13 | 1-120 | 83, 107 |  | 13 | 1-120 | 11 |
|  | 14 | 1-120 | 26, 66 |  | 14 | 1-120 | 9 |
|  | 15 | 1-120 | 10, 45 |  | 15 | 1-120 | 57 |
|  | 16 | 1-120 | 37, 73 |  | 16 | 1-120 | 1 |
|  | 17 | 1-120 | 1, 28 |  | 17 | 1-120 | 8 |
|  | 18 | 1-120 | 23, 32 |  | 18 | 1-120 | 37 |
|  | 19 | 1-120 | 7, 42 |  | 19 | 1-120 | 116 |
|  | 20 | 1-120 | 18, 77 |  | 20 | 1-120 | 111 |
|  | 21 | 1-120 | 13, 89 |  | 21 | 1-120 | 4 |
|  | 22 | 1-120 | 52, 110 |  | 22 | 1-120 | 53 |
|  | 23 | 1-120 | 39, 103 |  | 23 | 1-120 | 22 |
|  | 24 | 1-120 | 48, 100 |  | 24 | 1-120 | 56 |

| SHIFT-5 (56HH) | | | | SHIFT-6 (JK1) | | | |
|---|-----|-----------|---------------|---|-----|-----------|---------------|
| Series | Set | Questions | Deleted Ques. | Series | Set | Questions | Deleted Ques. |
|  | 1 | 1-120 | 91 |  | 1 | 1-120 | 4, 42, 108 |
|  | 2 | 1-120 | 79 |  | 2 | 1-120 | 4, 41, 80 |
|  | 3 | 1-120 | 1 |  | 3 | 1-120 | 25, 32, 48 |
|  | 4 | 1-120 | 111 |  | 4 | 1-120 | 21, 78, 117 |
|  | 5 | 1-120 | 100 |  | 5 | 1-120 | 46, 100, 113 |

| | | | | | | | |
|---|----|-------|-----|---|----|-------|-------------|
|  | 6 | 1-120 | 88 |  | 6 | 1-120 | 77, 91, 117 |
|  | 7 | 1-120 | 82 |  | 7 | 1-120 | 2, 38, 67 |
|  | 8 | 1-120 | 35 |  | 8 | 1-120 | 13, 72, 112 |
|  | 9 | 1-120 | 63 |  | 9 | 1-120 | 31, 56, 106 |
|  | 10 | 1-120 | 43 |  | 10 | 1-120 | 34, 60, 63 |
|  | 11 | 1-120 | 34 |  | 11 | 1-120 | 16, 55, 114 |
|  | 12 | 1-120 | 110 |  | 12 | 1-120 | 24, 37, 67 |
|  | 13 | 1-120 | 98 |  | 13 | 1-120 | 21, 63, 98 |
|  | 14 | 1-120 | 77 |  | 14 | 1-120 | 69, 89, 110 |
|  | 15 | 1-120 | 5 |  | 15 | 1-120 | 60, 94, 119 |
|  | 16 | 1-120 | 110 |  | 16 | 1-120 | 10, 53, 86 |
|  | 17 | 1-120 | 91 |  | 17 | 1-120 | 8, 85, 106 |
|  | 18 | 1-120 | 84 |  | 18 | 1-120 | 31, 61, 95 |
|  | 19 | 1-120 | 84 |  | 19 | 1-120 | 57, 71, 90 |
|  | 20 | 1-120 | 68 |  | 20 | 1-120 | 59, 72, 92 |
|  | 21 | 1-120 | 61 |  | 21 | 1-120 | 5, 43, 102 |
|  | 22 | 1-120 | 43 |  | 22 | 1-120 | 22, 78, 98 |
|  | 23 | 1-120 | 39 |  | 23 | 1-120 | 5, 13, 82 |
|  | 24 | 1-120 | 120 |  | 24 | 1-120 | 12, 32, 45 |

गैर अनुसूचित क्षेत्र एवं अनुसूचित क्षेत्र के लिए क्रमशः परिशिष्ट-1 एवं परिशिष्ट-2 अनुसार उत्तीर्ण अभ्यर्थियों में से लम्बवत प्रवर्गानुसार विज्ञापित पदों के लगभग 02 गुणा अभ्यर्थियों के अतिरिक्त पात्रता जांच एवं दस्तावेज सत्यापन की पुनरावृत्ति रोकने हेतु क्षैतिज आरक्षण की श्रेणियों में विज्ञापित पदों के 5-10 गुणा अभ्यर्थियों को पात्रता जांच एवं दस्तावेज सत्यापन हेतु विचारित (Shortlist) करने पर कट ऑफ मार्क्स निम्नानुसार है –

गैर अनुसूचित क्षेत्र

| CATEGORY | | CUT OFF MARKS | REMARKS |
|----------|------|---------------|---------|
| GEN | GEN | 144.2955 | |
| | FEM | 134.9021 | |
| | WID. | 30.6569 | |
| | DIV. | 86.0967 | |
| | EX | 0.0035 | ALL |
| SC | GEN | 123.8287 | |
| | FEM | 112.248 | |
| | WID. | 0.0035 | ALL |
| | DIV. | 50.5545 | |
| | EX | NA | NA |
| ST | GEN | 114.6136 | |
| | FEM | 108.8068 | |
| | WID. | 0.0035 | ALL |
| | DIV. | 38.2753 | |
| | EX | NA | NA |
| GEN-EWS | GEN | 129.1103 | |
| | FEM | 119.7978 | |
| | WID. | 0.017 | ALL |
| | DIV. | 46.7286 | |
| | EX | NA | NA |
| OBC | GEN | 136.1224 | |
| | FEM | 126.1377 | |
| | WID. | 0.0035 | ALL |
| | DIV. | 61.4786 | |
| | EX | NA | NA |
| MBC | GEN | 130.2844 | |
| | FEM | 115.2445 | |
| | WID. | 0.033 | ALL |
| | DIV. | 56.5488 | |
| | EX | NA | NA |
| SAH | GEN | 0.0307 | ALL |
| | FEM | 0.0035 | ALL |
| | WID. | 3.8805 | ALL |
| | DIV. | 16.0842 | ALL |
| | EX | | |

| | | |
|---------------|--------|-----|
| B/LV | 0.0035 | ALL |
| B/LV BACKLOG | | |
| HI | 0.0035 | ALL |
| HI BACKLOG | | |
| LD/CP | 70.833 | |
| LD/CP BACKLOG | | |
| MI/MD | 0.0035 | ALL |
| SP | 0.0035 | ALL |

अनुसूचित क्षेत्र

| CATEGORY | | CUT OFF MARKS | REMARKS |
|----------|------|---------------|---------|
| GEN | GEN | 114.5787 | |
| | FEM | 103.5956 | |
| | WID. | 2.2664 | |
| | DIV. | 53.2237 | |
| | EX | 3.0985 | ALL |
| SC | GEN | 103.0029 | |
| | FEM | 96.6704 | |
| | WID. | 0.3591 | ALL |
| | DIV. | 45.3045 | |
| | EX | NA | NA |
| ST | GEN | 94.3851 | |
| | FEM | 91.6757 | |
| | WID. | 0.0035 | ALL |
| | DIV. | 9.1706 | |
| | EX | NA | NA |

| | | |
|---------------|--------|-----|
| B/LV | 0.033 | ALL |
| B/LV BACKLOG | | |
| HI | 0.4139 | ALL |
| HI BACKLOG | | |
| LD/CP | 3.1949 | |
| LD/CP BACKLOG | | |
| MI/MD | 0.4139 | ALL |
| SP | 0.033 | ALL |

1. सभी अभ्यर्थियों के प्राप्तांकों का आकलन बोर्ड द्वारा अनुमोदित निम्न सूत्र से किया गया है:-

$$\text{Total Marks of a Candidate} = \sum \text{of } [(RQ \times KF) - \frac{WQ \times KF}{3}] - \frac{\text{Maximum Marks} \times \text{Not Attempted Question}}{\text{Total No. Of Question} \times 3}$$

Σ = Sum of Marks
RQ = Right Questions
WQ = Wrong Questions

$$KF = \text{Key Factor} = \frac{\text{Maximum Marks}}{\text{Total No. of Questions}} \times \frac{\text{Total No. of Questions}}{\text{Number of Valid Questions}}$$

2. उक्त परीक्षा का आयोजन दिनांक 19.09.2025 से 21.09.2025 (6 पारियों) में होने के कारण नार्मलाईजेशन/स्केलिंग Equi-Percentile Formula (परिशिष्ट – 3) के अनुसार किया गया है।

नोट:-

1. 10 प्रतिशत से अधिक प्रश्नों में किसी भी विकल्प/गोले को अभ्यर्थी द्वारा गहरा नहीं करने के कारण 26436 अभ्यर्थियों को अयोग्य घोषित किया गया है।
2. इस भर्ती में दस्तावेज सत्यापन हेतु विचारित (Shortlisted) अभ्यर्थियों हेतु दस्तावेज सत्यापन के लिये ऑनलाईन विस्तृत आवेदन सह परिनिरीक्षा फार्म (Scrutiny Form) भरने हेतु पोर्टल दिनांक 09.02.2026 से 23.02.2026 तक खुला रहेगा।
3. किसी भी अभ्यर्थी द्वारा आवेदन में गलत सूचना प्रस्तुत करने व परीक्षा में अनुचित साधनों का प्रयोग/उपभोग करने की जानकारी मिलने पर किसी भी समय उक्तानुसार जारी वरीयतानुसार परिणाम से बाहर किया जा सकेगा।
4. माननीय उच्च न्यायालय में विचाराधीन एसबी सिविल रिट याचिका संख्या 18111/2025, 18140/2025, 18312/2025 एवं 18385/2025 के निर्णय की पालना में रोल नम्बर 1794813, 1382515, 3019923, 3138954, 2880996, 1470080, 1469706, 2714546, 1893676, 2308346, 1462607, 2386190, 2305860, 2296113, 3555149 and 3537461 तथा परीक्षा में अनुचित साधनों का प्रयोग/उपभोग करने वाले रोल नम्बर 1227242, 2357957, 2926172 and 3060441 वाले अभ्यर्थियों का परीक्षा परिणाम रोका गया है।
5. उक्त परीक्षा परिणाम माननीय उच्च न्यायालय में विचाराधीन एसबी सिविल रिट याचिका संख्या 18111/2025, 18140/2025, 18312/2025, 18385/2025, 10552/2025, 5433/2025, 9180/2025, 5428/2025, 7986/2025, 8256/2025, 8805/2025, 10821/2025, 10091/2025 एवं 14482/2025 के अंतिम निर्णय के अध्यक्षीन रहेगा।
6. नवीन व अद्यतन जानकारी के लिए बोर्ड की वेबसाइट www.rssb.rajasthan.gov.in का अवलोकन करें।

संलग्न:- परिशिष्ट-1 से परिशिष्ट-3

(प्रीति माथुर)
सचिव

प्रतिलिपि निम्न को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित है:-

1. निजी सचिव, माननीय अध्यक्ष महोदय, राजस्थान कर्मचारी चयन बोर्ड, जयपुर।
2. निजी सहा., माननीय समस्त सदस्य महोदय, राजस्थान कर्मचारी चयन बोर्ड, जयपुर।
3. निजी सहा., सचिव, राजस्थान कर्मचारी चयन बोर्ड, जयपुर।
4. निजी सहा., उपसचिव (परीक्षा / कार्मिक), राजस्थान कर्मचारी चयन बोर्ड, जयपुर।
5. वरिष्ठ लेखाधिकारी, राजस्थान कर्मचारी चयन बोर्ड, जयपुर।
6. सलाहकार (परीक्षा / विधि / नियम / गोपनीय), राजस्थान कर्मचारी चयन बोर्ड, जयपुर।
7. प्रभारी अधिकारी, आई.टी.सैल, राजस्थान कर्मचारी चयन बोर्ड, जयपुर को प्रेषित कर लेख है कि उक्त सूचना को बोर्ड की वेबसाइट पर अपलोड करावें।
8. भर्ती प्रभारी को लेख है कि संबंधित विभाग से समन्वय करते हुए सूचीबद्ध अभ्यर्थियों के आगे की कार्यवाही संपादित करे।
9. रक्षित पत्रावली।

सचिव

Signature Not Verified

Digitally Signed by Priti
Mathur

Designation : Secretary

Date :06-02-2026 06:52:50

Normalization procedure for RSSB

1 Step-by-step procedure for converting raw scores into normalised scores

For each test/subject/area for which the examination is held in multiple shifts, the raw score for each candidate appearing for the test/subject is converted into *normalised score* in the following three steps.

Step 1 (Intermediate) Convert raw scores into percentile scores: the percentiles are calculated separately for each shift.

Step 2 (Intermediate) *Pull-back* the percentiles to the *marks scale*: this is done by first collating the data across all sessions into one table, then sorting the records in decreasing (increasing) order of percentiles, and finally filling in the gaps in the raw score table by interpolation.

Step 3 (Final) At the end of the previous step, each percentile value will have a *corresponding raw score value* for each session. This is combined to get the *normalised score*.

This procedure will be done separately for each test/subject/area so that each candidate is assigned a score for each test/subject/area which has been opted for and at the end of this transformation procedure, each candidate will have a normalised score in each such test/subject/area.

The details of each of the three steps mentioned above are given below.

Step 1: Calculation of Percentile Scores: This first step is to be completed *separately for each shift*.

1. Record the number of candidates who have actually appeared in the shift. Denote this number by N .
2. Sort all the candidates in one shift in decreasing order of their marks.
3. Note the *raw marks* for each candidate. Suppose this is denoted by T . Count the number of candidates in that shift whose raw scores are *less than or equal to* T . Denote this number by m .
4. The percentile score for this candidate is then calculated as

$$P = \frac{m}{N}$$

Note that the percentile so calculated will satisfy $0 \leq P \leq 1$.

5. The percentile P above can be rounded off to the requisite number of decimal places. It is recommended to do it till 8-th places of decimal.

1.1 Illustration

Suppose that the examination in a certain subject is held in two different shifts, $S1$ and $S2$, say. Let us consider six candidates A, B, C, D, E and F out of which A, B, C are from shift $S1$ and the other three are from shift $S2$.

Let the raw marks of the six candidates be x_A, x_B, x_C (shift $S1$ marks) and y_D, y_E, y_F (shift $S2$ marks).

For candidates A, B, C , the percentiles are calculated using the totality of marks obtained by candidates appearing in shift $S1$ (in the same subject) as explained above.

Similarly, for candidates D, E, F , the percentiles are calculated using the totality of marks obtained by candidates appearing in shift $S2$ (in the same subject).

Let the respective percentiles be denoted by $P_A, P_B, P_C, P_D, P_E, P_F$.

We would have a table which would look like the following. The terms in red colour indicate that these are the **output of this step**.

| Shift S1 | | | Shift S2 | | |
|-----------|-----------|------------|-----------|-----------|------------|
| Candidate | Raw score | Percentile | Candidate | Raw score | Percentile |
| A | x_A | P_A | D | y_D | P_D |
| B | x_B | P_B | E | y_E | P_E |
| C | x_C | P_C | F | y_F | P_F |

Since the calculations for percentiles in any shift depends only on the data from that shift alone, in essence, there is a separate table for each shift.

2 Step 2: Sorting the candidates using their percentiles after combining data from all sessions

1. The session-wise data is now to be combined (or concatenated) together.
2. During the concatenation, the separate percentile columns SHOULD be combined to create a single percentile column.

However, the columns for the shift-wise raw score should be kept separate.

The column identifying the candidate can also be combined.

3. All the records are to be sorted in decreasing order of the percentiles.

In the *illustrative example* given in Section 1.1 above suppose that the percentiles of the six candidates satisfy

$$P_E > P_A > P_C = P_F > P_B > P_D.$$

Then the table at the end of this sub-step would look as given below.

| Candidate | Percentile | Raw score S1 | Raw Score S2 |
|-----------|-------------|--------------|--------------|
| E | P_E | – | y_E |
| A | P_A | x_A | – |
| C & F | $P_C = P_F$ | x_C | y_F |
| B | P_B | x_B | – |
| D | P_D | – | y_D |

4. Candidate *C* from shift *S1* and candidate *F* from shift *S2* have the same percentile. The relevant entries under “Raw Score *S1*” and “Raw Score *S2*” are the actual raw scores x_C and y_F respectively. ²
5. Candidates A and B, appearing in shift *S1*, have a blank entry in column “Raw Score *S2*”, as there is no corresponding candidate having exactly the same percentile from shift *S2*.
6. Similarly, Candidates D and E, appearing in shift *S2*, have a blank entry in column “Raw Score *S1*”, as there is no corresponding candidate having exactly the same percentile from shift *S1*.
7. In the remaining part of this *Step 2*, the blank entries in the two “Raw Score” columns are to be filled up using linear interpolation. This is achieved as follows.
 - Consider a record (row) whose entry in the column “Raw Score *S1*” is blank. The blank will be replaced by a score X . We will find the value corresponding to X .
 - For this record or row, let the entry in “Percentile” column be P .
 - Let x_1 denote the first *non-blank* entry BELOW X . i.e. $x_1 < X$ and there is no other non-blank entry in the column between x_1 and X .
 - Let x_2 denote the first *non-blank* entry ABOVE X ³ i.e. $x_2 > X$ and there is no other non-blank entry in the column between X and x_2 .
 - Let p_1 be the entry in the “Percentile” column corresponding to x_1 from the column “Raw Score *S1*”.

²This has the obvious interpretation that marks x_C of shift *S1* are equivalent to marks y_F of shift *S2*, under this *equipercentile method*.

³There may be several blank entries between x_1 and x_2 .

- Let p_2 be the entry in the “Percentile” column corresponding to x_2 from the column “Raw Score $S1$ ”. Note that P, p_1, p_2, x_1, x_2 are known values and the only unknown is X .
- The **interpolated score X** is then calculated as

$$X = x_1 + \frac{x_2 - x_1}{p_2 - p_1} (P - p_1).$$

8. All the blank entries in column “Raw Score $S1$ ” can now be replaced by the *interpolated values*.
9. The blank entries in column “Raw Score $S2$ ” are also replaced using the similar procedure.

2.1 Illustration (Continued)

At the end of this step, the table in the earlier illustrative example would look like the following, where the entries in **red** indicate the additions or output at the end of this step.

| Candidate | Percentile | Raw score $S1$ | Raw Score $S2$ |
|-----------|-------------|----------------|----------------|
| E | P_E | X_E | y_E |
| A | P_A | x_A | Y_A |
| C & F | $P_C = P_F$ | x_C | y_F |
| B | P_B | x_B | Y_B |
| D | P_D | X_D | y_D |

3 Step 3: Calculation of the normalised score

At the end of the previous step, *there is a score assigned to each percentile value and each session*. The final step is to combine these to come up with a unique **normalised score** for each percentile value and hence *to each candidate*.

Corresponding to any candidate, if the percentile value is P , and corresponding to this value P , if the raw scores for different sessions is u_1, u_2, \dots, u_t (t being the number of different sessions), then the normalised score Z is defined as

$$Z = \text{Average of } (u_1, u_2, \dots, u_t) = \frac{u_1 + u_2 + \dots + u_t}{t}.$$

3.1 Illustration (Continued)

This is once again illustrated through our example. The **final** table would now be as follows, with the final column in **red** denoting the final **normalised score**.

| Candidate | Percentile | Raw Score S_1 | Raw Score S_2 | Normalised Score |
|-----------|-------------|-----------------|-----------------|------------------|
| E | P_E | X_E | y_E | $(X_E + y_E)/2$ |
| A | P_A | x_A | Y_A | $(x_A + Y_A)/2$ |
| C & F | $P_C = P_F$ | x_C | y_F | $(x_C + y_F)/2$ |
| B | P_B | x_B | Y_B | $(x_B + Y_B)/2$ |
| D | P_D | X_D | y_D | $(X_D + y_D)/2$ |
