

Write your name here

Surname

Other names

Pearson Edexcel
Level 3 GCE

Centre Number

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Psychology

Advanced Subsidiary

Paper 1: Social and Cognitive Psychology

Monday 15 May 2017 – Afternoon

Time: 1 hour 30 minutes

Paper Reference

8PS0/01

You do not need any other materials.

Total Marks

Instructions

- Use **black** ink or ball-point pen.
- **Fill in the boxes** at the top of this page with your name, centre number and candidate number.
- Answer **all** questions.
- Answer the questions in the spaces provided – *there may be more space than you need.*

Information

- The total mark for this paper is 70.
- The marks for **each** question are shown in brackets – *use this as a guide as to how much time to spend on each question.*
- The list of formulae and critical value tables are printed at the start of this paper.
- Candidates may use a calculator.

Advice

- Read each question carefully before you start to answer it.
- Check your answers if you have time at the end.

Turn over ►

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FORMULAE AND CRITICAL VALUE TABLES

Standard deviation (sample estimate)

$$\sqrt{\left(\frac{\sum(x - \bar{x})^2}{n - 1}\right)}$$

Spearman's rank correlation coefficient

$$1 - \frac{6 \sum d^2}{n(n^2 - 1)}$$

Critical values for Spearman's rank

| N | Level of significance for a one-tailed test | | | | |
|----|---|-------|-------|-------|--------|
| | 0.05 | 0.025 | 0.01 | 0.005 | 0.0025 |
| | Level of significance for a two-tailed test | | | | |
| | 0.10 | 0.05 | 0.025 | 0.01 | 0.005 |
| 5 | 0.900 | 1.000 | 1.000 | 1.000 | 1.000 |
| 6 | 0.829 | 0.886 | 0.943 | 1.000 | 1.000 |
| 7 | 0.714 | 0.786 | 0.893 | 0.929 | 0.964 |
| 8 | 0.643 | 0.738 | 0.833 | 0.881 | 0.905 |
| 9 | 0.600 | 0.700 | 0.783 | 0.833 | 0.867 |
| 10 | 0.564 | 0.648 | 0.745 | 0.794 | 0.830 |
| 11 | 0.536 | 0.618 | 0.709 | 0.755 | 0.800 |
| 12 | 0.503 | 0.587 | 0.678 | 0.727 | 0.769 |
| 13 | 0.484 | 0.560 | 0.648 | 0.703 | 0.747 |
| 14 | 0.464 | 0.538 | 0.626 | 0.679 | 0.723 |
| 15 | 0.446 | 0.521 | 0.604 | 0.654 | 0.700 |
| 16 | 0.429 | 0.503 | 0.582 | 0.635 | 0.679 |
| 17 | 0.414 | 0.485 | 0.566 | 0.615 | 0.662 |
| 18 | 0.401 | 0.472 | 0.550 | 0.600 | 0.643 |
| 19 | 0.391 | 0.460 | 0.535 | 0.584 | 0.628 |
| 20 | 0.380 | 0.447 | 0.520 | 0.570 | 0.612 |
| 21 | 0.370 | 0.435 | 0.508 | 0.556 | 0.599 |
| 22 | 0.361 | 0.425 | 0.496 | 0.544 | 0.586 |
| 23 | 0.353 | 0.415 | 0.486 | 0.532 | 0.573 |
| 24 | 0.344 | 0.406 | 0.476 | 0.521 | 0.562 |
| 25 | 0.337 | 0.398 | 0.466 | 0.511 | 0.551 |
| 26 | 0.331 | 0.390 | 0.457 | 0.501 | 0.541 |
| 27 | 0.324 | 0.382 | 0.448 | 0.491 | 0.531 |
| 28 | 0.317 | 0.375 | 0.440 | 0.483 | 0.522 |
| 29 | 0.312 | 0.368 | 0.433 | 0.475 | 0.513 |
| 30 | 0.306 | 0.362 | 0.425 | 0.467 | 0.504 |

The calculated value must be equal to or exceed the critical value in this table for significance to be shown.



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Chi-squared distribution formula

$$X^2 = \sum \frac{(O-E)^2}{E}$$

$$df = (r - 1)(c - 1)$$

Critical values for chi-squared distribution

| Level of significance for a one-tailed test | | | | | | |
|---|-------|-------|-------|-------|--------|--------|
| | 0.10 | 0.05 | 0.025 | 0.01 | 0.005 | 0.0005 |
| Level of significance for a two-tailed test | | | | | | |
| df | 0.20 | 0.10 | 0.05 | 0.025 | 0.01 | 0.001 |
| 1 | 1.64 | 2.71 | 3.84 | 5.02 | 6.64 | 10.83 |
| 2 | 3.22 | 4.61 | 5.99 | 7.38 | 9.21 | 13.82 |
| 3 | 4.64 | 6.25 | 7.82 | 9.35 | 11.35 | 16.27 |
| 4 | 5.99 | 7.78 | 9.49 | 11.14 | 13.28 | 18.47 |
| 5 | 7.29 | 9.24 | 11.07 | 12.83 | 15.09 | 20.52 |
| 6 | 8.56 | 10.65 | 12.59 | 14.45 | 16.81 | 22.46 |
| 7 | 9.80 | 12.02 | 14.07 | 16.01 | 18.48 | 24.32 |
| 8 | 11.03 | 13.36 | 15.51 | 17.54 | 20.09 | 26.12 |
| 9 | 12.24 | 14.68 | 16.92 | 19.02 | 21.67 | 27.88 |
| 10 | 13.44 | 15.99 | 18.31 | 20.48 | 23.21 | 29.59 |
| 11 | 14.63 | 17.28 | 19.68 | 21.92 | 24.73 | 31.26 |
| 12 | 15.81 | 18.55 | 21.03 | 23.34 | 26.22 | 32.91 |
| 13 | 16.99 | 19.81 | 22.36 | 24.74 | 27.69 | 34.53 |
| 14 | 18.15 | 21.06 | 23.69 | 26.12 | 29.14 | 36.12 |
| 15 | 19.31 | 22.31 | 25.00 | 27.49 | 30.58 | 37.70 |
| 16 | 20.47 | 23.54 | 26.30 | 28.85 | 32.00 | 39.25 |
| 17 | 21.62 | 24.77 | 27.59 | 30.19 | 33.41 | 40.79 |
| 18 | 22.76 | 25.99 | 28.87 | 31.53 | 34.81 | 42.31 |
| 19 | 23.90 | 27.20 | 30.14 | 32.85 | 36.19 | 43.82 |
| 20 | 25.04 | 28.41 | 31.41 | 34.17 | 37.57 | 45.32 |
| 21 | 26.17 | 29.62 | 32.67 | 35.48 | 38.93 | 46.80 |
| 22 | 27.30 | 30.81 | 33.92 | 36.78 | 40.29 | 48.27 |
| 23 | 28.43 | 32.01 | 35.17 | 38.08 | 41.64 | 49.73 |
| 24 | 29.55 | 33.20 | 36.42 | 39.36 | 42.98 | 51.18 |
| 25 | 30.68 | 34.38 | 37.65 | 40.65 | 44.31 | 52.62 |
| 26 | 31.80 | 35.56 | 38.89 | 41.92 | 45.64 | 54.05 |
| 27 | 32.91 | 36.74 | 40.11 | 43.20 | 46.96 | 55.48 |
| 28 | 34.03 | 37.92 | 41.34 | 44.46 | 48.28 | 56.89 |
| 29 | 35.14 | 39.09 | 42.56 | 45.72 | 49.59 | 58.30 |
| 30 | 36.25 | 40.26 | 43.77 | 46.98 | 50.89 | 59.70 |
| 40 | 47.27 | 51.81 | 55.76 | 59.34 | 63.69 | 73.40 |
| 50 | 58.16 | 63.17 | 67.51 | 71.42 | 76.15 | 86.66 |
| 60 | 68.97 | 74.40 | 79.08 | 83.30 | 88.38 | 99.61 |
| 70 | 79.72 | 85.53 | 90.53 | 95.02 | 100.43 | 112.32 |

The calculated value must be equal to or exceed the critical value in this table for significance to be shown.



Mann-Whitney U test formulae

$$U_a = n_a n_b + \frac{n_a(n_a+1)}{2} - \sum R_a$$

$$U_b = n_a n_b + \frac{n_b(n_b+1)}{2} - \sum R_b$$

(U is the smaller of U_a and U_b)

Critical values for the Mann-Whitney U test

| | | N_b | | | | | | | | | | | | | | | | |
|-----------|---|-------|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|----|--|
| | | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | |
| N_a | $p \leq 0.05$ (one-tailed), $p \leq 0.10$ (two-tailed) | | | | | | | | | | | | | | | | | |
| | 5 | 4 | 5 | 6 | 8 | 9 | 11 | 12 | 13 | 15 | 16 | 18 | 19 | 20 | 22 | 23 | 25 | |
| 6 | 5 | 7 | 8 | 10 | 12 | 14 | 16 | 17 | 19 | 21 | 23 | 25 | 26 | 28 | 30 | 32 | | |
| 7 | 6 | 8 | 11 | 13 | 15 | 17 | 19 | 21 | 24 | 26 | 28 | 30 | 33 | 35 | 37 | 39 | | |
| 8 | 8 | 10 | 13 | 15 | 18 | 20 | 23 | 26 | 28 | 31 | 33 | 36 | 39 | 41 | 44 | 47 | | |
| 9 | 9 | 12 | 15 | 18 | 21 | 24 | 27 | 30 | 33 | 36 | 39 | 42 | 45 | 48 | 51 | 54 | | |
| 10 | 11 | 14 | 17 | 20 | 24 | 27 | 31 | 34 | 37 | 41 | 44 | 48 | 51 | 55 | 58 | 62 | | |
| 11 | 12 | 16 | 19 | 23 | 27 | 31 | 34 | 38 | 42 | 46 | 50 | 54 | 57 | 61 | 65 | 69 | | |
| 12 | 13 | 17 | 21 | 26 | 30 | 34 | 38 | 42 | 47 | 51 | 55 | 60 | 64 | 68 | 72 | 77 | | |
| 13 | 15 | 19 | 24 | 28 | 33 | 37 | 42 | 47 | 51 | 56 | 61 | 65 | 70 | 75 | 80 | 84 | | |
| 14 | 16 | 21 | 26 | 31 | 36 | 41 | 46 | 51 | 56 | 61 | 66 | 71 | 77 | 82 | 87 | 92 | | |
| 15 | 18 | 23 | 28 | 33 | 39 | 44 | 50 | 55 | 61 | 66 | 72 | 77 | 83 | 88 | 94 | 100 | | |
| 16 | 19 | 25 | 30 | 36 | 42 | 48 | 54 | 60 | 65 | 71 | 77 | 83 | 89 | 95 | 101 | 107 | | |
| 17 | 20 | 26 | 33 | 39 | 45 | 51 | 57 | 64 | 70 | 77 | 83 | 89 | 96 | 102 | 109 | 115 | | |
| 18 | 22 | 28 | 35 | 41 | 48 | 55 | 61 | 68 | 75 | 82 | 88 | 95 | 102 | 109 | 116 | 123 | | |
| 19 | 23 | 30 | 37 | 44 | 51 | 58 | 65 | 72 | 80 | 87 | 94 | 101 | 109 | 116 | 123 | 130 | | |
| 20 | 25 | 32 | 39 | 47 | 54 | 62 | 69 | 77 | 84 | 92 | 100 | 107 | 115 | 123 | 130 | 138 | | |



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| N_a | N_b | | | | | | | | | | | | | | | |
|-------|-------|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|
| | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |

 $p \leq 0.01$ (one-tailed), $p \leq 0.02$ (two-tailed)

| | | | | | | | | | | | | | | | | |
|-----------|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|-----|-----|
| 5 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 6 | 2 | 3 | 4 | 6 | 7 | 8 | 9 | 11 | 12 | 13 | 15 | 16 | 18 | 19 | 20 | 22 |
| 7 | 3 | 4 | 6 | 7 | 9 | 11 | 12 | 14 | 16 | 17 | 19 | 21 | 23 | 24 | 26 | 28 |
| 8 | 4 | 6 | 7 | 9 | 11 | 13 | 15 | 17 | 20 | 22 | 24 | 26 | 28 | 30 | 32 | 34 |
| 9 | 5 | 7 | 9 | 11 | 14 | 16 | 18 | 21 | 23 | 26 | 28 | 31 | 33 | 36 | 38 | 40 |
| 10 | 6 | 8 | 11 | 13 | 16 | 19 | 22 | 24 | 27 | 30 | 33 | 36 | 38 | 41 | 44 | 47 |
| 11 | 7 | 9 | 12 | 15 | 18 | 22 | 25 | 28 | 31 | 34 | 37 | 41 | 44 | 47 | 50 | 53 |
| 12 | 8 | 11 | 14 | 17 | 21 | 24 | 28 | 31 | 35 | 38 | 42 | 46 | 49 | 53 | 56 | 60 |
| 13 | 9 | 12 | 16 | 20 | 23 | 27 | 31 | 35 | 39 | 43 | 47 | 51 | 55 | 59 | 63 | 67 |
| 14 | 10 | 13 | 17 | 22 | 26 | 30 | 34 | 38 | 43 | 47 | 51 | 56 | 60 | 65 | 69 | 73 |
| 15 | 11 | 15 | 19 | 24 | 28 | 33 | 37 | 42 | 47 | 51 | 56 | 61 | 66 | 70 | 75 | 80 |
| 16 | 12 | 16 | 21 | 26 | 31 | 36 | 41 | 46 | 51 | 56 | 61 | 66 | 71 | 76 | 82 | 87 |
| 17 | 13 | 18 | 23 | 28 | 33 | 38 | 44 | 49 | 55 | 60 | 66 | 71 | 77 | 82 | 88 | 93 |
| 18 | 14 | 19 | 24 | 30 | 36 | 41 | 47 | 53 | 59 | 65 | 70 | 76 | 82 | 88 | 94 | 100 |
| 19 | 15 | 20 | 26 | 32 | 38 | 44 | 50 | 56 | 63 | 69 | 75 | 82 | 88 | 94 | 101 | 107 |
| 20 | 16 | 22 | 28 | 34 | 40 | 47 | 53 | 60 | 67 | 73 | 80 | 87 | 93 | 100 | 107 | 114 |

| N_a | N_b | | | | | | | | | | | | | | | |
|-------|-------|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|
| | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |

 $p \leq 0.025$ (one-tailed), $p \leq 0.05$ (two-tailed)

| | | | | | | | | | | | | | | | | |
|-----------|----|----|----|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|
| 5 | 2 | 3 | 5 | 6 | 7 | 8 | 9 | 11 | 12 | 13 | 14 | 15 | 17 | 18 | 19 | 20 |
| 6 | 3 | 5 | 6 | 8 | 10 | 11 | 13 | 14 | 16 | 17 | 19 | 21 | 22 | 24 | 25 | 27 |
| 7 | 5 | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 22 | 24 | 26 | 28 | 30 | 32 | 34 |
| 8 | 6 | 8 | 10 | 13 | 15 | 17 | 19 | 22 | 24 | 26 | 29 | 31 | 34 | 36 | 38 | 41 |
| 9 | 7 | 10 | 12 | 15 | 17 | 20 | 23 | 26 | 28 | 31 | 34 | 37 | 39 | 42 | 45 | 48 |
| 10 | 8 | 11 | 14 | 17 | 20 | 23 | 26 | 29 | 33 | 36 | 39 | 42 | 45 | 48 | 52 | 55 |
| 11 | 9 | 13 | 16 | 19 | 23 | 26 | 30 | 33 | 37 | 40 | 44 | 47 | 51 | 55 | 58 | 62 |
| 12 | 11 | 14 | 18 | 22 | 26 | 29 | 33 | 37 | 41 | 45 | 49 | 53 | 57 | 61 | 65 | 69 |
| 13 | 12 | 16 | 20 | 24 | 28 | 33 | 37 | 41 | 45 | 50 | 54 | 59 | 63 | 67 | 72 | 76 |
| 14 | 13 | 17 | 22 | 26 | 31 | 36 | 40 | 45 | 50 | 55 | 59 | 64 | 67 | 74 | 78 | 83 |
| 15 | 14 | 19 | 24 | 29 | 34 | 39 | 44 | 49 | 54 | 59 | 64 | 70 | 75 | 80 | 85 | 90 |
| 16 | 15 | 21 | 26 | 31 | 37 | 42 | 47 | 53 | 59 | 64 | 70 | 75 | 81 | 86 | 92 | 98 |
| 17 | 17 | 22 | 28 | 34 | 39 | 45 | 51 | 57 | 63 | 67 | 75 | 81 | 87 | 93 | 99 | 105 |
| 18 | 18 | 24 | 30 | 36 | 42 | 48 | 55 | 61 | 67 | 74 | 80 | 86 | 93 | 99 | 106 | 112 |
| 19 | 19 | 25 | 32 | 38 | 45 | 52 | 58 | 65 | 72 | 78 | 85 | 92 | 99 | 106 | 113 | 119 |
| 20 | 20 | 27 | 34 | 41 | 48 | 55 | 62 | 69 | 76 | 83 | 90 | 98 | 105 | 112 | 119 | 127 |



| N_a | N_b | | | | | | | | | | | | | | | |
|--|-------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| $p \leq 0.005$ (one-tailed), $p \leq 0.01$ (two-tailed) | | | | | | | | | | | | | | | | |
| 5 | 0 | 1 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| 6 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 9 | 10 | 11 | 12 | 13 | 15 | 16 | 17 | 18 |
| 7 | 1 | 3 | 4 | 6 | 7 | 9 | 10 | 12 | 13 | 15 | 16 | 18 | 19 | 21 | 22 | 24 |
| 8 | 2 | 4 | 6 | 7 | 9 | 11 | 13 | 15 | 17 | 18 | 20 | 22 | 24 | 26 | 28 | 30 |
| 9 | 3 | 5 | 7 | 9 | 11 | 13 | 16 | 18 | 20 | 22 | 24 | 27 | 29 | 31 | 33 | 36 |
| 10 | 4 | 6 | 9 | 11 | 13 | 16 | 18 | 21 | 24 | 26 | 29 | 31 | 34 | 37 | 39 | 42 |
| 11 | 5 | 7 | 10 | 13 | 16 | 18 | 21 | 24 | 27 | 30 | 33 | 36 | 39 | 42 | 45 | 48 |
| 12 | 6 | 9 | 12 | 15 | 18 | 21 | 24 | 27 | 31 | 34 | 37 | 41 | 44 | 47 | 51 | 54 |
| 13 | 7 | 10 | 13 | 17 | 20 | 24 | 27 | 31 | 34 | 38 | 42 | 45 | 49 | 53 | 56 | 60 |
| 14 | 7 | 11 | 15 | 18 | 22 | 26 | 30 | 34 | 38 | 42 | 46 | 50 | 54 | 58 | 63 | 67 |
| 15 | 8 | 12 | 16 | 20 | 24 | 29 | 33 | 37 | 42 | 46 | 51 | 55 | 60 | 64 | 69 | 73 |
| 16 | 9 | 13 | 18 | 22 | 27 | 31 | 36 | 41 | 45 | 50 | 55 | 60 | 65 | 70 | 74 | 79 |
| 17 | 10 | 15 | 19 | 24 | 29 | 34 | 39 | 44 | 49 | 54 | 60 | 65 | 70 | 75 | 81 | 86 |
| 18 | 11 | 16 | 21 | 26 | 31 | 37 | 42 | 47 | 53 | 58 | 64 | 70 | 75 | 81 | 87 | 92 |
| 19 | 12 | 17 | 22 | 28 | 33 | 39 | 45 | 51 | 56 | 63 | 69 | 74 | 81 | 87 | 93 | 99 |
| 20 | 13 | 18 | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 67 | 73 | 79 | 86 | 92 | 99 | 105 |

The calculated value must be equal to or less than the critical value in this table for significance to be shown.



Wilcoxon Signed Ranks test process

- Calculate the difference between two scores by taking one from the other
- Rank the differences giving the smallest difference Rank 1

Note: do not rank any differences of 0 and when adding the number of scores, do not count those with a difference of 0, and ignore the signs when calculating the difference

- Add up the ranks for positive differences
- Add up the ranks for negative differences
- T is the figure that is the smallest when the ranks are totalled (may be positive or negative)
- N is the number of scores left, ignore those with 0 difference

Critical values for the Wilcoxon Signed Ranks test

| <i>n</i> | Level of significance for a one-tailed test | | |
|----------|---|-------|------|
| | 0.05 | 0.025 | 0.01 |
| | Level of significance for a two-tailed test | | |
| | 0.1 | 0.05 | 0.02 |
| N=5 | 0 | - | - |
| 6 | 2 | 0 | - |
| 7 | 3 | 2 | 0 |
| 8 | 5 | 3 | 1 |
| 9 | 8 | 5 | 3 |
| 10 | 11 | 8 | 5 |
| 11 | 13 | 10 | 7 |
| 12 | 17 | 13 | 9 |

The calculated value must be equal to or less than the critical value in this table for significance to be shown.



Answer ALL questions.

SECTION A: SOCIAL PSYCHOLOGY

1 Abigail would like to investigate science students' perceptions of art students. She decides that a questionnaire is a suitable research method.

(a) Suggest **two** closed questions that could be used in the questionnaire.

(2)

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(b) Abigail is also considering using an interview in her study.

Explain how Abigail could use **one** type of interview to investigate science students' perceptions of art students.

(2)

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- (c) The data from the closed question responses on Abigail's questionnaires showing negative perceptions of art students by science students is recorded using a tally in **Table 1**.

| Participant | Tally | Frequency |
|--------------|---------|-----------|
| A | ## /// | |
| B | ## // | |
| C | ## /// | |
| D | ## //// | |
| E | //// | |
| F | ## / | |
| Total | | |

Table 1

- (i) Complete **Table 1** with the frequency data for each participant and the total frequency. (1)
- (ii) Calculate the range for this data. (1)

SPACE FOR CALCULATIONS



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(d) When analysing quantitative data a researcher may calculate the standard deviation of data scores.

Explain why researchers use the standard deviation of data scores.

(2)

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(e) Abigail concludes that science students have prejudiced beliefs about art students.

With reference to Social Identity Theory, explain why the science students may be prejudiced towards the art students.

(6)

Area with horizontal dotted lines for writing.



P 4 9 8 6 1 A 0 1 1 2 8

2 Rashid is conducting research into in-group and out-group prejudice. He has decided to use a stratified sample to select participants from his target population.

(a) Define 'stratified sampling'.

(1)

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(b) Explain **one** strength of 'stratified sampling'.

(2)

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(Total for Question 2 = 3 marks)



3 Milgram conducted a number of laboratory experiment studies into obedience.

Evaluate Milgram's research into obedience.

(8)

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(Total for Question 3 = 8 marks)

TOTAL FOR SECTION A = 29 MARKS



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(b) Bartlett (1932) suggested the theory of reconstructive memory to explain how information is stored and recalled.

Explain **two** weaknesses of Bartlett's (1932) theory of reconstructive memory.

(4)

1

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2

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(Total for Question 4 = 8 marks)



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QUESTION 6 BEGINS ON THE NEXT PAGE.



6 Sarah would like to research whether 15 acoustically similar words will be easier to recall than 15 acoustically dissimilar words. She has asked you to help her conduct the research.

(a) Explain the terms 'independent variable' and 'dependent variable', using Sarah's research as an example.

(4)

Independent variable

.....

.....

.....

.....

.....

Dependent variable

.....

.....

.....

.....

.....

(b) The mean results of Sarah's experiment are shown in **Table 2**.

| Mean number of acoustically similar words recalled | Mean number of acoustically dissimilar words recalled |
|--|---|
| 5 | 8 |

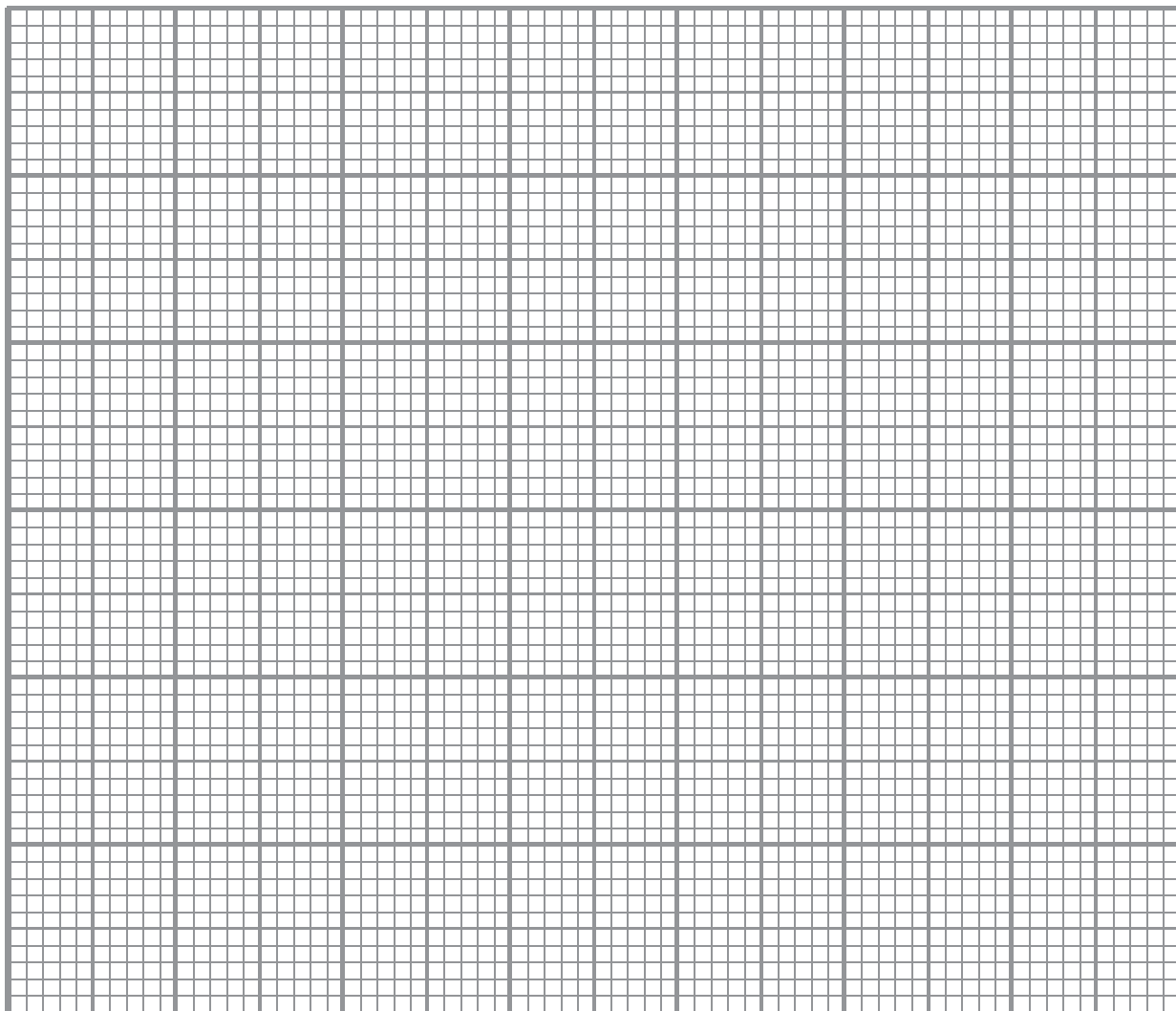
Table 2



Draw an appropriate graph to show the mean results of Sarah's experiment.

(3)

Title



(c) State **one** conclusion from Sarah's results.

(1)

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(Total for Question 6 = 8 marks)

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(Total for Question 7 = 8 marks)

TOTAL FOR SECTION B = 29 MARKS



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(Total for Question 8 = 12 marks)

TOTAL FOR SECTION C = 12 MARKS
TOTAL FOR PAPER = 70 MARKS



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