



Faculty of Health, Social Care and Education

Midwifery interview and selection day

Numeracy test and essay

Information and sample questions

Midwives need to be both numerate and literate to register with the Nursing and Midwifery Council. During the interview and selection day you'll complete a numeracy test and will be asked to write an essay.

What do the tests involve?

The numeracy test lasts for 30 minutes. It includes addition, subtraction, multiplication and division, as well as conversion of decimals to fractions, and fractions to decimals. The maximum score for the test is 30 and the pass mark is 20/30

You will also be asked to write an essay, and will be given 30 minutes for this. The essay will be on a subject of our choice. The essay title will relate to healthcare and the NHS. The essay will be marked on its legibility, clarity and focus on the selected topic, logical structure and flow, grammar, spelling and punctuation.

What happens if I don't pass the tests?

We are unable to consider applicants who do not achieve the pass mark in the tests.

The decision not to grant an interview as a result of the test is final and the University will be unable to enter into any individual discussion on the interview and selection day itself.

Sample numeracy questions

These are sample numeracy questions only. The test you will sit on your interview and selection day covers the categories illustrated below. It will have 30 questions and take 30 minutes to complete. Calculators are not permitted. **Solve the following:**

Use this space for your workings

1. $9 + 14 =$

2. $1907 + 83.46 =$

3. $1368 - 459 =$

4. $7.2 - 3.33 =$

5. $1010 \times 17 =$

6. $42.3 \times 2.74 =$

7. $170 \div 5 =$

8. $1.4 \div 7 =$

Convert to decimals:

9. $1/6 =$

10. $2/25 =$

Convert to simple fractions:

11. $0.28 =$

12. $0.075 =$

Which of the following fractions is bigger?

13. $1/4$ or $3/8 =$

Convert the following:

14. $1.5\text{g} = \text{mg}$

15. $2750\text{mg} = \text{g}$

16. 30% of $150 =$

17. $12\frac{1}{2}\%$ of $100 =$

18. $4/5$ as a percentage =

19. 0.4 as a percentage =

20. 3.15pm to 24 hour clock time =

(Answers on the next page)

Sample numeracy questions - answers

1. 23
2. 1990.46
3. 909
4. 3.87
5. 17170
6. 115.902
7. 34
8. 0.2
9. 0.167
10. 0.08
11. $\frac{7}{25}$
12. $\frac{3}{40}$
13. $\frac{3}{8}$
14. 1500
15. 2.75
16. 45
17. 12.5
18. 80%
19. 40%
20. 15:15