



Oxford Cambridge and RSA

Tuesday 10 June 2025 – Morning

Level 3 Cambridge Technical in Health and Social Care

05871 Unit 25: Research methods in health, social care and childcare

Time allowed: 2 hours

C445/2506



You must have:

- your copy of the Pre-release (C446)



Please write clearly in black ink. **Do not write in the barcodes.**

Centre number

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Candidate number

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First name(s)

Last name

Date of birth

D	D	M	M	Y	Y	Y	Y
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INSTRUCTIONS

- Use black ink.
- Write your answer to each question in the space provided. If you need extra space use the lined pages at the end of this booklet. The question numbers must be clearly shown.
- Answer **all** the questions.

INFORMATION

- The total mark for this paper is **60**.
- The marks for each question are shown in brackets [].
- Quality of extended response will be assessed in questions marked with an asterisk (*).
- This document has **16** pages.

ADVICE

- Read each question carefully before you start your answer.

1 Hospitals use a variety of different drugs to treat pain.

Patients in a hospital are participating in a study to assess the effectiveness of a new drug for pain relief.

(a) State **three** purposes for carrying out this study.

1

.....

2

3

.....

[3]

(b)

(i)* Describe how a randomised controlled trial could be used for this study.

[6]

(ii) The table shows statements about other research methods that could be suitable for this study.

Complete the table by deciding whether each statement is **True (T)** or **False (F)**.

Statement	True (T) or False (F)
A questionnaire about existing pain relief drugs could be given to patients as part of the primary research.	
Informal observation of hospital practice could be used to gather quantitative data.	
Journals and reviews about drugs for pain relief could be used as a primary research method.	

[3]

(c)* Discuss how the research team could maintain good ethical practices when carrying out the randomised controlled trial.

..... [8]

5
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2 This question relates to the **pre-release** material and your **secondary research**.

State your chosen research article.

(a)* In response to your chosen article, analyse how you used your secondary sources to enable you to write good research questions.

..... [10]

(b) Library searches are used for locating secondary sources.

When carrying out secondary research for your chosen article:

(i) Identify **two** advantages of using library searches.

- 1
-
- 2
-
- [2]

(ii) Identify **one** disadvantage of using library searches.

-
- [1]

(c)* In response to your chosen article, discuss how you considered appropriateness **and** trustworthiness when selecting your secondary sources.

..... [6]

(d)* In response to your chosen article, present your findings **and** draw conclusions to include:

- reference to research question or hypothesis
- judgements on findings or evidence

[10]

(e) In response to your chosen article, state **one** implication of your findings for each of the following:

(i) practitioners or professionals

..... [1]

(ii) government policy

..... [1]

(f)* Evaluate your secondary research sources with reference to their **reliability**.

[6]

(g) With reference to your secondary research:

(i) Identify **one** area that requires further research.

.....
..... [1]

(ii) Describe how an alternative research method could be used to obtain further evidence.

.....
.....
.....
.....
..... [2]

END OF QUESTION PAPER

[illegible]

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