

THE OPEN UNIVERSITY OF SRI LANKA
FACULTY OF HEALTH SCIENCES
DEPARTMENT OF PHARMACY
ACADEMIC YEAR 2018/2019 – SEMESTER I



BACHELOR OF PHARMACY HONOURS
BPU3136 – INTRODUCTION TO HEALTH RESEARCH – LEVEL 5
FINAL EXAMINATION
DURATION: TWO HOURS

DATE: 8th MARCH 2019

TIME: 2.00 P.M. – 4.00 P.M.

INDEX NO

Part B – Short Answer Questions (30 marks/ 15 Marks each)

1.

1.1 Define 'Intervention Study' and 'Non-intervention Study'. (06 Marks)

Intervention Study

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Non-intervention Study

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1.2 List **three (03)** characteristics of quantitative research. (09 Marks)

i.

ii.

iii.

2.

2.1 List **seven (07)** essential components of an ideal study protocol. (07 Marks)

i.

ii.

iii.

iv.

v.

vi.

vii.

2.2 Write four (04) types of descriptive study designs.

(08 Marks)

- i.
- ii.
- iii.
- iv.

Part C – Structured Essay Questions (40 marks/ 20 Marks each)

1.

- 1.1. What are the probable exclusion criteria you will consider for a study ‘exploring the efficacy of activated charcoal in oleander poisoned patients’ (05 marks)

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- 1.2. Write down the hypothesis statement and primary objective for above research topic. (05 marks)

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- 1.3. Briefly describe how you would collect data for the above study. (05 marks)

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1.4. Write a short note on 'informed consent in a research'

(05 marks)

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2.

2.1. Briefly explain the term qualitative research.

(05 marks)

2.2. Explain **five (05)** factors determining a study design.

(05 marks)

2.3. Explain how you would determine the significance level in an experimental research.

(10 marks)