**Complete the notes below.**

**Write NO MORE THAN TWO WORDS for each answer.**

'Research Methodology'

● Use scientific method based on empirical evidence (=\_\_\_21\_\_\_)

● Find a research problem or question

- a commonly held belief eg lack of sleep has negative impact on

- \_\_\_22\_\_\_

- review the literature

- an everyday problem: eg research different memorisation

- \_\_\_23\_\_\_

● Define your variables

● Develop a hypothesis

● Conduct \_\_\_24\_\_\_ research

- books; journals; online databases & websites

- make notes and create \_\_\_25\_\_\_

● Select an experimental design

- pre-experimental = experimental group only

- quasi-experimental = include control group but not random

- true experimental = both kinds of groups + random

● Standardise your \_\_\_26\_\_\_

- compare like with like

● Choose your participants

● Use different \_\_\_27\_\_\_:

- random sample = select from same group

- stratified random sample = select from subsets with different

- \_\_\_28\_\_\_

● Conduct tests and collect data

● Analyse the results

- use \_\_\_29\_\_\_ methods (to be covered next week)

● Write up and communicate results

- \_\_\_30\_\_\_ of paper is important; tips for writing (to be covered next two weeks)