MCQs
1. Which of the following answer to your research question would indicate that you designed a low impact research question?
   - The answer is yes.
   - The answer is no.
   - The answer is either yes or no.
   - The answer is unclear

2. To identify an impactful research question you will start with
   Stating a hypothesis.
   - Stating a very specific question.
   - Identifying a specific subject group.
   - Designing the study first and then formulating the question.
   - Formulating a global larger question.

3. In your grant proposal where will you clearly address the importance of your proposed study? In the ________
   - Aims section.
   - Preliminary data section.
   - Significance statement.
   - Method section.

4. How will you convince the reviewers that your research group can perform the proposed study? Through __________
   - stating preliminary data from your research group.
   - proposing to use state-of-the-art technology.
   - providing an extensive literature review
5. In your grant proposal you will state a hypothesis for ________
   ○ the overall main study aim only.
   ○ each aim that is described in the proposal.
   ○ the preliminary section.
   ○ none of the sections. It is actually not needed if you have an impactful research question.

6. Which of the following statements about the Methods section is True?
   ○ Each hypothesis must be accompanied by a specific statistical analysis
   ○ Sample size must be justified
   ○ The treatment for participants in the control group should be described
   ○ All of the above

7. In preparation for writing your research grant a systematic review could be useful for ________
   ○ formulating the aims.
   ○ supporting the significance statement.
   ○ supporting the hypothesis.
   ○ all of the above.

8. Usually a 3-year research project can answer how many specific questions?
   ○ 1 to 3
   ○ 4 to 5
   ○ 6 to 8
9. For a research study or a grant proposal which of the following statement is true?

- Two primary aims are used when the question is unclear.
- Pilot data, the study team and prior experience are useful to establish credibility for the proposed study.
- The method section does not need to be very detailed; references to the literature are sufficient.
- Plans to reduce attrition and increase protocol adherence should be part of the significance section of every proposal.

10. Which statement is true?

- A testable hypothesis is turned into a research question.
- A research question is transformed into a testable hypothesis.