SECTION – A

A. Answer the following questions by choosing the best possible option. More than one option may appear correct. Circle the appropriate answer

1. Arrange the following research activities in the order they occur
   1. Undertaking a detailed Review of Literature
   2. Finalizing the Research Topic
   3. Framing the Research Hypothesis
   4. Identifying the Research Question
      a. 2.4.1.3
      b. 4.1.2.3.
      c. 4.2.1.3

2. ‘Objectivity’ in Research is about
   a. The Researcher being unbiased
   b. The Research having clear objectives
   c. The Researcher having a questioning mind

3. Identify the correct statement from the three below
   a. Research Design is about the broader architecture of research
   b. Research Design is about Research Methods
   c. Research Design is about the Work Plan

4. A Research Culture is about
   a. The values that a researcher believes in
   b. The research environment in which a researcher undertakes research
   c. The cultural practices and norms of a society

5. The term 'plagiarism' means
   a. Acknowledging an idea borrowed from elsewhere
   b. Making an original contribution
   c. Borrowing the ideas of another researcher and presenting them as one’s own
6. The Chairman of the National Educational Policy Committee which recently submitted its report to the Government of India is
   a. Dr. M.K. Sridhar
   b. Dr. C.N.R. Rao
   c. Dr. Kasturirangan

7. India’s Minister for Human Resources Development is
   a. Ramesh Pokriyal Nishank
   b. Smriti Irani
   c. Prakash Javdekar

8. Denis Mukwege and Nadia Murad won the 2018 Nobel Prize for
   a. Literature
   b. Chemistry
   c. Peace

9. Who among the following was awarded the Bharat Ratna in 2019
   a. Bhupen Hazarika
   b. L. K. Advani
   c. Sachin Tendulkar

10. The Captain of the Indian Women Cricket Team is
    a. Harmanpreet Kaur
    b. Smriti Mandanna
    c. Mithali Raj

11. If you write down all the numbers from 1 to 100, how many times will you have to write three
    a. 14
    b. 16
    c. 20
    d. 21

12. A woman introduces a man as the son of the brother of her mother. How is the man, related to the woman
    a. Cousin
    b. Uncle
    c. Nephew

13. What should come next in the following letter sequence?
    A A B A B C A B C D A B C D E A B C D
    a. A
    b. E
    c. F
14. In the following question select the one which is different from the other three responses

1. DEB  2. RTP  3. HIF
   a. 1
   b. 2
   c. 3

15. A man walks 5 km toward south and then turns to the right. After walking 3 km he turns to the left and walks 4 km. And then he goes back 10 km straight. Now in which direction is he from the starting place:
   a. North West
   b. North East
   c. South

SECTION – B

B. Answer any three of the following:

1. In what ways is Research for a Degree different from Research as a Passion?
2. If selected for the Research Programme at JAIN, how is it likely to impact your professional life?
3. How important is Ethics in Research?
4. What is the role of a Guide in a Research Programme?
5. What was the preparation you did for attending this entrance test?