Enrollment No: MIT2021117

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Research Methodology

Class Test no 5 (1 h)   M. Marks 30   October 21, 2021

 Note: Each question carries equal marks

Q1. Write the correct form of the following abstract of a paper with respect to grammatical mistakes and using appropriate words and sentences, (highlight corrections with red font).

"A new technique of Arabic Handwriting Recognition is being proposed using a multilayer perceptron neural network circuit which is based on a single electron transistor. This paper aims to show how to integrate a single electron transistor in a neural network in place of conventional electronics for better robust recognition of Arabic letters and words using a new architecture based on single electron transistors. Analysis of simulation results are done in the form of the average recognition rates and variances of handwritten Arabic letters. A study of the robustness against different noisy images will be presented with recognition rates specific to each letter, group of letters and Arabic words."

Q2. Substitute a single word for each of the following wordy phrases:

1.   Due to the fact that: Because

2.   At the present time: Currently

3.   It may be that: Possibly

4.   In the event that: If

5.   In the near future: Soon

6.   Prior to the start of: Before

7.   On a regular basis: Regularly

8.   The first point is: Firstly

9.   More often than not: Usually

10.   Would seem to suggest: Could

Q 3. What will be the h index of an author who has published 200 papers, with 25 papers cited 27 to 30 times each?

Author will have an h-index of 25 as from the given data it is sure that the author has at least 25 papers with 25 or more citations.