National University of Computer and Emerging Sciences
FALL SEMESTER - 2022
Research Methodology

Course Code: CS-5001/SS-5005   **Time Allowed:** 1.5 hours
Instructor: Dr Shahzad Sarfraz   **Maximum Marks:** 40___

Research paper is an excellent tool for entering for exploring the research in your own domain. Select any one journal of your choice from the renowned journals falling in *W CATEGORY* of HEC Journal Recognition System (https://hjrs.hec.gov.pk/). Journal should fall in *Engineering and Technology* and in the subject area of *Computer Science* based on the following domain.

    a. Computer Science Applications
    b. Computer Vision and Pattern Recognition
    c. Artificial Intelligence

Attempt the below questions using mentioned articles and use MS Office to answer your questions. Your file name must be as follows

Roll-No_Your-Name_Journal-Name.

Find at least one SLR Article based on the above search from year 2020 to 2022.

1. Write down the strings/keywords on the basis the articles have been filtered.   (5)
2. Write down the volume, issue, and page number of the selected article. Also mention the total number of citations for this article. Moreover, mention the total time it took from submission to acceptance?   (5)
3. Is the selected journal open access or closed access? Mention four other journal full names (two open access and two closed access) and publisher along their hyperlinks, which fall in the same domain.   (5)
4. Write down five reputable publishers that are publishing articles in the domain of Computer Science.
5. List the three articles' titles along hyperlink which has similar types of keywords as of part (1). Articles must be published in Year 2022.   (3)
6. Mention the journal name along its impact factor which has the highest impact factor mentioned in (4).   (2)
7. Using paper of part (1), select at least four articles from references which are very close to the topic and mention the number of citations of those articles as per today. Articles must fall in *W CATEGORY* of HEC Journal Recognition System.   (4)
8. Write down the summary of the review article extracted in (1) in your own words. Your summary must consist of the following sections   (16)
    i)   Background
    ii)   Methods (Searching Criteria, Databases, Duplication Removal Tools, Selection Criteria etc.)
    iii)   Results/Findings (Future directions)
    iv)   Conclusion

You must upload your working folder on Google Classroom before 4:00 PM.