

Subject-Fundamentals of Research in Science

Ph.D. (Computer Science) Course Work -2014

Max Marks -100

Section A

Note : Attempt all questions .All questions carry equal marks

xv. What do you understand by Intellectual property right (IPR).

Ans : Intellectual Property Rights are legal rights, which result from intellectual activity in industrial, scientific, literary and artistic fields. These rights Safeguard creators and other producers of intellectual goods and services by granting them certain time-limited rights to control their use. Protected IP rights like other property can be a matter of trade, which can be owned, sold or bought. These are intangible and non exhausted consumption.

xvi. How quality of a research journal can be measured?

Ans : Quality of any research journal can be measured with the help of impact factor . An impact factor of any journal can be calculated with help of following formulae :

IF A = Total number of citation in 2014 of items published in 2012-2013

B = Number of articles published in 2012-2013

2014 impact factor = A/B.

Impact factors are calculated yearly starting from 1975 for those journals that are indexed in the [Journal Citation Reports](#) (JCR).

Section B

Note : Attempt any four questions. All questions carry equal marks.

8.(a) Explain about any one plagiarism detector software in detail .-9

Ans: When we use another author’s intellectual property—language, visuals, or ideas—in your own writing without giving proper credit, we commit a kind of academic theft called *plagiarism*,” explains Hacker.

Plagiarism is the act of presenting the words, ideas, images, sounds, or the creative expression of others as your own.

There are many online and offline commercial software for plagiarism detection as listed below:

- Grammarly
- Plagiarism -detector etc.

Plagiarism –detector is one of the popular commercial software for plagiarism detection consisting following features

- Checks done for more than 7 billion on-line sources
- Uses Google, Bing and AltaVista
- Works fast - less than 1 minute
- Microsoft Word single click plagiarism check
- Microsoft Word Integration
- Microsoft Powerpoint Integration
- Microsoft Word supported version from 2000 to 2010 (*.docx)
- Microsoft Powerpoint supported version from 2000 to 2010 (*.pptx)
- Native PDF support - no 3rd party software required
- Multiple Formats Support: pdf, doc, docx, html, txt, rtf
- State-of-art Advanced Report Viewer
- Extended Source Tracing Mechanism
- On-the-Fly Original to Source comparison with dynamic statistics
- "Easy to grasp" Plagiarism Chart generation
- False Positives Exclusion Mechanism
- References Automatic Detection
- Multiple documents processing
- Lifetime License - Free Updates

(b) How you can make attractive power point presentation. -8

Ans: MS-Power point is used to make slides to interact with audience in better way. Microsoft Power Point is a [proprietary commercial presentation program](#) developed by [Microsoft](#). It was officially launched on May 22, 1990, as a part of the [Microsoft Office](#) suite, and runs on [Microsoft Windows](#) and [Apple's](#) MAC operating system. PowerPoint introduced many new changes with the release of PowerPoint 97. Prior to PowerPoint 97, presentations were linear, always proceeding from one slide to the next. PowerPoint 2000 introduced a clipboard that could hold multiple objects at once. Another change was that the Office Assistant was changed to be less intrusive. These changes are still going on with new version of MS-Power Point.

Following are some features through which attractive power point presentation can be made are as follow:

- Graphics :Inserting pictures ,Photo and cliparts etc,
- Shapes :Facility to draw figures with various shapes
- Animation :Is a powerful feature of Power Point which provides facility to make dynamic slides
- Chart : Facility to draw various types of charts like bar chart ,pie chart etc.
- Sound :Sound can be inserted into slide
- Macros and many more