	Paper 4 Information Retrieval						
	Class:- TYCS				**Semester:- 6**		
	Note: This is just a sample question bank for Theory Examination.						
Q.No	**Question**	**Option A**	**Option B**	**Option C**	**Option D**	**Correct Answer**	
1	Information retrieval is querying of _____ textual data.	structured	unstructured	formatted	unformatted	unstructured	
2	_____are indexed units in the incidence matrix.	Terms	Collection	Information	Data	Terms	
3	A model of information retrieval in which we can pose any query in which search terms are combined with the operators AND, OR, and NOT	Ad Hoc Retrieval	Ranked Retrieval Model	Boolean Information Model	Proximity Query Model	Boolean Information Model	
4	_____fraction of the returned results are relevant to the information need.	Proximity	Posting Merge	Precision	Posting list	Precision	
5	A dictionary of terms is sometime also referred as_____	Corpus	Collection	Lexicon	corpa	Corpus	
6	Which of the following is a technique for context sensitive spelling correction	the Jaccard Coefficient	Soundex algorithms	k-gram indexes	Levenshtein distance	k-gram indexes	
7	_____ is the fraction of the relevant documents in the collection returned by the system.	Reconnect	Recall	Reciprocal	Retrieved	Recall	
8	A data structure that maps terms back to the parts of a document in which they occur is called an	Postings list	Incidence Matrix	Dictionary	Inverted Index	Inverted Index	
9	IR system searches for the _____ documents to be retrieved.	Relevant	Non-Relevant	Matched	Structured	Relevant	
10	The number of times that a word or term occurs in a document is called the		Vocabulary Lexicon	Proximity Operator	Indexing Granularity	Term Frequency	
11	_____ is the smallest unit of information in a query	Term	Document	Word	Index	Term	
12	Permuterm index is a index form of _____ index	Inverted	Real	Term	Dictonary	Inverted	
13	The _____ is a wild card that represents one or more characters	?	*	$	#	*	
14	Postings list should be sorted by	Document Frequency	DocID	TermID	Term frequency	DocID	
15	_____ can best be described as a programming model used to develop Hadoop-based applications that can process massive amounts of data	MapReduce	Mahout	Oozie	All of the mentioned	MapReduce	
16	Collaborative Filtering has following problems	Cold Start	Scalability	Sparsity	All of the above	All of the above	
17	A good_____ page for a topic links to many authority pages for that topic.	Crawler	SEO	Web	hub	hub	
18	Every web page is assigned _____score(s).	1	2	4	3	2	
19	_____ maintains the file system tree and the metadata for all the files and directories present in the system.	Namenode	Datanode	Mapper	tracker	Namenode	
20	In information retrieval, extremely common words which would appear to be of little value in helping select documents that are excluded from the index vocabulary are called:	Stop Words	Tokens	Lemmatized Words	Stemmed Terms	Stop Words	
21	Web crawler, _____and the search interface are the major component of a search engine	Mapper	Hub	Reducer	Database	Database	
22	Search engine uses software to search for the information in the database this software component is known as _____	web browser	Indexer	Searcher	Mapper	web browser	
23	Which of the following is not Characteristics of web search engine	Crawling	indexing	storage	Ranking	Ranking	
24	Retrieved webpages generally include_____	title of page	Result of page	summary	Size of page	title of page	
25	_____search queries have their own specific pattern and formats.	Transactional	informational	navigational	Hidden	Transactional	
26	_____oriented searches are targeting a certain kind of website.	Navigation	Transaction	information	Data	Navigation	
27	Precision (P) is the fraction of _____	P (retrieved/relevant)	P (relevant/retrieved)	P (relevant/retrieved)	P (retrieved/true)	P(relevant/retrieved)	
28	Each node of the tree is an XML element and is written with an _____	Opening tag	closing tag	both a and b	only a	both a and b	
29	Nodes that can reach the giant SCC but cannot be reached from it is called____	SCC	IN	OUT	tubes	IN	
30	Pagerank , link analysis algorithm was found by___	Loris Mores	Sin Larry	Larry Page	Sin Mores	Larry Page	