

ALLOTMENT OF TOPICS FOR TERM PAPER WRITING

Course: BCA

Year: 2nd

Semester: 4th

Group: BCA-41

S. No.	University Roll No.	Name of Students	Topics Allotted	
			Topic-1	Topic-2
1	16065106001	Aayushi Jaiswal	Topic-1	Scope of connectivity and reparability in graph
			Topic-2	Pros and Cons of virtual memory in the context of memory management
2	16065106002	Abhijeet Kumar	Topic-1	Study of advantages of interactive and non-interactive computer graphics.
			Topic-2	Importance of Linear Programming Problem in Computer Application
3	16065106003	Abhinav Chandra Srivastava	Topic-1	Applications of matrix representation of graph
			Topic-2	Development management approach in Software process
4	16065106004	Abhinav Verma	Topic-1	Survey of representative uses of computer graphics.
			Topic-2	Investigating the complexity of travelling-salesman problem
5	16065106005	Abhishek Pathak	Topic-1	Various methods for handling deadlocks in operating system
			Topic-2	Comparative Study of Various methods for Linear Programming Problem
6	16065106006	Aditya Sharma	Topic-1	Survey and comparison of different 3D matrix composite transformations
			Topic-2	Study the scope of properties of tree
7	16065106007	Ajay Pandey	Topic-1	Role of Various method of steady state M/M/1 queuing models(Model-I, Model-II)
			Topic-2	Structure management determination in software engineering
8	16065106008	Akash Jaiswal	Topic-1	Finding conceptual framework for Interactive Graphics
			Topic-2	Contrast between isolated and pendant vertex
9	16065106009	Aman Gupta	Topic-1	Detailed generation of an operating system
			Topic-2	Influence of group members in testing
10	16065106010	Aman Nigam	Topic-1	Analysis of Cubic curves w.r.t. their properties and uses in Animation.
			Topic-2	Study of a puzzle with multicolored cubes
11	16065106012	Aniruddh Prakash	Topic-1	Comparative study of random scan display devices and raster scan display devices.
			Topic-2	Finding various scope of Floyd-Warshall algorithm

12	16065106013	Ankita Srivastava	Topic-1	Description of any two popular Page- replacement Algorithms
			Topic-2	Agile development: Scope and need in designing
13	16065106014	Anuj Bisht	Topic-1	Overview of scan conversion and staircase effect.
			Topic-2	Use of Johnson's algorithm in Job Sequencing
14	16065106015	Anurag Shukla	Topic-1	Essay on Role of different coloring approaches
			Topic-2	Organized examination: Influence and role
15	16065106017	Apoorv Krishna Mishra	Topic-1	Relative study about Kruskal's method
			Topic-2	Practical Approach of tic-tac problem and its solution
16	16065106018	Arjun Singh	Topic-1	Procedural note on distance and center in a tree Rooted and Binary trees
			Topic-2	Use of the simplex methods in Linear Programming Problem
17	16065106019	Arbab Hussain	Topic-1	Study of DDA & Brasneham line generation algorithm.
			Topic-2	A choice of performances of OOPs in software engineering
18	16065106020	Aryan Garg	Topic-1	Comparison and survey of various Circle drawing algorithms.
			Topic-2	Study of state-of-the-art algorithms for minimum spanning trees
19	16065106021	Ayesha Iqbal	Topic-1	Scope of all spanning tree of a graph
			Topic-2	Working of Paging in the context of memory management
20	16065106022	Deepak Mehra	Topic-1	Study the Features of transportations problem
			Topic-2	Limitations of structure chart in structured design
21	16065106023	Ekta Mani Tripathi	Topic-1	Application and uses of Hamiltonian Cycle & Eulerian Cycle.
			Topic-2	Features of batch operating systems over real time operating systems
22	16065106024	Harshita Bhargava	Topic-1	Different techniques for deadlocks prevention in operating system
			Topic-2	Role of flow chart : a pictorial representation
23	16065106025	Izhar Kadri	Topic-1	Overview of scan converting ellipses.
			Topic-2	Analyze the differences of classification of Queuing Model
24	16065106026	Jay Tripathi	Topic-1	Survey of different types of hardcopy technologies
			Topic-2	Importance of fundamental circuits
25	16065106027	Jyoti Srivastava	Topic-1	Working of Not recently used Page- replacement Algorithms
			Topic-2	An assortment of morality of structured programming
26	16065106028	Manu Patel	Topic-1	Study of various properties of Cut-Set
			Topic-2	Importance and application of Time-Sharing Systems

27	16065106029	Mohd. Amaan	Topic-1	Analyze the scope of disconnected graphs and components
			Topic-2	Analyze the importance and application of process synchronization
28	16065106030	Nikita Singh	Topic-1	Feasibility and techniques of deadlock avoidance and deadlock detection.
			Topic-2	Requirement gathering with top-down approach

Signature of Faculty:

Signature of HOD:

Computer Graphics & Multimedia Application (BCA-S206T)

(Mr. C.K. Pandey)

Operating System (BCA-S207T)

(Mr. Shadab Ali)

Software Engineering (BCA-S208T)

(Dr. Santosh Kumar Dwivedi)

Optimization Techniques (BCA-S209T)

(Dr. Mayank Trivedi)

Graph Theory (BCA-S210T)

(Dr. Vinay Kumar Mishra)

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S. No.	University Roll No.	Name of Students	Topics Allotted	
1	16065106031	Payal Srivastava	Topic-1	Study of operations on graphs more on Euler Graphs
			Topic-2	Significance and application of distributed systems
2	16065106032	Pooja Sen	Topic-1	Study of working of display processor and video controller
			Topic-2	Scope and Working of Not frequently used Page- replacement Algorithms
3	16065106033	Pooja Yadav	Topic-1	Survey of various utility of Hamiltonian path and circle
			Topic-2	An approach to system investigation and design
4	16065106034	Pragya Shukla	Topic-1	Survey of input devices for operator interaction in computer graphics.
			Topic-2	Detailed description of critical section problem in process synchronization
5	16065106035	Prajwal Srivastava	Topic-1	Scope of real-time systems in the context of current scenario
			Topic-2	Contribution of Johnson's in OR Models
6	16065106037	Prateek Shukla	Topic-1	Scope of Job Sequencing in Computer Application
			Topic-2	Role of decision table in Software Requirement Specification
7	16065106038	Pratibha Singh	Topic-1	Proportional study about Prim's method
			Topic-2	Feasibility of thrashing in the context of Memory Management
8	16065106040	Priyanka Srivastava	Topic-1	Scope of different device management techniques in operating systems
			Topic-2	Impact of verification and validation in software development
9	16065106041	Rahul Kushwaha	Topic-1	Importance of memory management in the context of real time systems
			Topic-2	Study the Features of Solution of Linear Programming Problem by Graphical Method
10	16065106042	Raj Nigam	Topic-1	Importance of Assignment problem and its solution
			Topic-2	Approach of integration testing through driver & stub
11	16065106043	Rashi Shukla	Topic-1	A survey on latest animation movie production procedures.
			Topic-2	Importance of classical problems of synchronization in process synchronization

12	16065106044	Ruchi Singh	Topic-1	Analyze the Various method of Inventory Theory
			Topic-2	Random approach in integration testing
13	16065106046	Saurabh Kumar Tripathi	Topic-1	Analysis of different 2D transformations methods and their governing equations.
			Topic-2	Beta testing in software development
14	16065106047	Shivam Sharma	Topic-1	Importance of different greedy approaches in connected graph
			Topic-2	Role of Replacement Theory in daily life
15	16065106048	Shivam Singh	Topic-1	Survey of commutative nature of geometrical composite transformations
			Topic-2	Comparative Study between simplex method and dual simplex method
16	16065106049	Shivangi Chaubey	Topic-1	Categories of different scheduling i.e. long term, medium term and short term scheduling
			Topic-2	Comparative Study of Group replacement and individual replacement.
17	16065106050	Shobhit Singh	Topic-1	Role of economic lot size model without shortage and with shortage having production rate infinite and finite
			Topic-2	Impact of system testing: a fractioned approach
18	16065106051	Shruti Bisht	Topic-1	Survey and comparison of various computer animation frameworks.
			Topic-2	Scope of OR Model in Computer Application
19	16065106052	Shubham Singh	Topic-1	Analysis of picture scanning devices based on time and picture quality.
			Topic-2	Scope of ISO certification in software development organization
20	16065106053	Sudhanshu Patel	Topic-1	Analyze the scientific model of OR
			Topic-2	Role of six sigma in software development
21	16065106055	Upendra Chaturvedi	Topic-1	Need and importance of swapping in the context of memory management
			Topic-2	Object management services involvement in software engineering
22	16065106056	Vaishali	Topic-1	Survey of different special effects used in 3D movies and gaming.
			Topic-2	Detailed importance of semaphores in process synchronization with example
23	16065106057	Vineet Sharma	Topic-1	Survey of different Visible surface detection algorithms.
			Topic-2	CASE tools: glimpse of modern development
24	16065106058	Vipul Goyal	Topic-1	Analysis and comparison of various architecture and structure designing tools used in construction industry.
			Topic-2	Cloud computing through user involvement

25	16065106059	Vivek Kumar Verma	Topic-1	Analysis of Sweep representation w.r.t. tool and parts modeling.
			Topic-2	Working of shortest remaining time process scheduling
26	15065106020	Hemant Kumar Yadav (Exempted)	Topic-1	Analysis and comparison of different polygon clipping methods based on speed and accuracy.
			Topic-2	Analyze the Features of Formulation of Linear programming problems

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