

महाराणा प्रताप पी.जी. कालेज, जंगल धूसड़, गोरखपुर

कक्षा : बी.एस-सी. भाग-एक			पाठ्यक्रम	योजना : सत्र 2020-2021	विषय : कम्प्यूटर साइंस
दिनांक	व्याख्यान	प्राध्यापक का नाम	प्रश्नपत्र	अध्याय	शीर्षक
04-08-2020	1	Virendra Tiwari	I	Introduction	Definition of Computer & about syllabus
05-08-2020	2	Virendra Tiwari	I	Introduction	Characteristic, evaluation
06-08-2020	1	Virendra Tiwari	II	Digital circuits	Logic gates (Introduction) & about syllabus
07-08-2020	2	Virendra Tiwari	II	Digital circuits	AND, OR Logic gates
08-08-2020	1	Harvindra Kr. Srivastav	III	Operating System	About syllabus
10-08-2020				Class Teaching	
11-08-2020	3	Virendra Tiwari	I	Introduction	Generation of computer
13-08-2020	4	Virendra Tiwari	I	Introduction	Types of computer
14-08-2020	3	Virendra Tiwari	II	Digital circuits	NAND, NOR Logic gate
17-08-2020	4	Virendra Tiwari	II	Digital circuits	Exclusive AND & XOR gates
18-08-2020	2	Harvindra Kr. Srivastav	III	Operating System overview	Computer System structure
19-08-2020				Class Teaching	
20-08-2020	5	Virendra Tiwari	I	Introduction	Major component of digital computer
21-08-2020	6	Virendra Tiwari	I	Introduction	Hardware
22-08-2020	5	Virendra Tiwari	II	Digital circuits	Universal Gates
24-08-2020	6	Virendra Tiwari	II	Digital circuits	Gates problems
25-08-2020	3	Harvindra Kr. Srivastav	III	Operating System overview	OS Structure
26-08-2020				Monthly Evaluation	
27-08-2020	7	Virendra Tiwari	I	Introduction	Software, Firmware
28-08-2020	8	Virendra Tiwari	I	Introduction	Computer, Application
01-09-2020	7	Virendra Tiwari	II	Digital circuits	Introduction Boolean algebra
02-09-2020	8	Virendra Tiwari	II	Digital circuits	Example explanation of boolean algebra
03-09-2020	4	Harvindra Kr. Srivastav	III	Operating system overview	OS functioned, facilities
04-09-2020				Class Teaching	
05-09-2020	9	Virendra Tiwari	I	Data representation	Introduction
07-09-2020	10	Virendra Tiwari	I	Data representation	Decimal no. system, Binary no. system
08-09-2020	9	Virendra Tiwari	II	Digital circuits	Demorgham Law in Boolean algebra
09-09-2020	10	Virendra Tiwari	II	Digital circuits	Introduction k-map
10-09-2020	5	Harvindra Kr. Srivastav	III	Memory management	Introduction
11-09-2019				Class Teaching	

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12-09-2020	11	Virendra Tiwari	I	Data Representation	Decimal conversion to Binary conversion	
14-09-2020	12	Virendra Tiwari	I	Data Representation	Octal number system	
15-09-2020	11	Virendra Tiwari	II	Digital circuits	Two variable K-map	
16-09-2020	12	Virendra Tiwari	II	Digital circuits	Example of two variable k.map	
18-09-2020	6	Harvindra Kr. Srivastav	III	Memory management	Single Contiguous allocations	
19-09-2020				Class Teaching		
21-09-2020	13	Virendra Tiwari	I	Data Representation	Hexadecimal no. system	
22-09-2020	14	Virendra Tiwari	I	Data Representation	BCD number	
23-09-2020	13	Virendra Tiwari	II	Digital circuits	Three variable k-map	
24-09-2020	14	Virendra Tiwari	II	Digital circuits	Four variable k-map & don't care condition	
25-09-2020	7	Harvindra Kr. Srivastav	III	Memory management	Partitioned allocation	
26-09-2020				Monthly Evaluation		
28-09-2020	15	Virendra Tiwari	I	Data Representation	Binary arithmetic	
29-09-2020	16	Virendra Tiwari	I	Data Representation	Complement, r & (r-1)'s complements	
30-09-2020	15	Virendra Tiwari	II	Combinational circuits	Introduction	
01-10-2020	16	Virendra Tiwari	II	Combinational circuits	Half adder	
03-10-2020	8	Harvindra Kr. Srivastav	III	Memory management	Relocation partitioned allocation	
05-10-2020				Class Teaching		
06-10-2020	17	Virendra Tiwari	I	Data Representation	Fixed point & floating point representation	
07-10-2020	18	Virendra Tiwari	I	Introduction to programming	Concept of algorithm	
09-10-2020	17	Virendra Tiwari	II	Combinational circuits	Full adder	
10-10-2020	18	Virendra Tiwari	II	Combinational circuits	Introduction of flip-flops	
12-10-2020	9	Harvindra Kr. Srivastav	III	Memory management	Introduction paging	
13-10-2020				Class Teaching		
14-10-2020	19	Virendra Tiwari	I	Introduction to programming	Flowchart, dataflow diagram	
15-10-2020	20	Virendra Tiwari	I	Programming in C	An overview of C	
16-10-2020	19	Virendra Tiwari	II	Combinational circuit	RS-Flip-Flop	
17-10-2020	20	Virendra Tiwari	II	Combinational circuit	D-Flip-Flop	
19-10-2020	10	Harvindra Kr. Srivastav	III	Memory management	Example or problems on paging	
20-10-2020				Monthly Evaluation		

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21-10-2020	21	Virendra Tiwari	I	Programming in C	Structure of C program
22-10-2020	22	Virendra Tiwari	I	Programming in C	Storage class specifier
23-10-2020	21	Virendra Tiwari	II	Combinational circuit	J.K. flip-flop
29-10-2020	22	Virendra Tiwari	II	Combinational circuit	T- flip-flop
31-10-2020	11	Harvindra Kr. Srivastav	III	Memory management	Segmentation, demand page allocation
02-11-2020				Class Teaching	
03-11-2020	23	Virendra Tiwari	I	Programming in C	Data types, variable declaration
04-11-2020	24	Virendra Tiwari	I	Programming in C	Operator & Expressions
05-11-2020	23	Virendra Tiwari	II	Combinational circuit	Edge-triggeredd flip-flop
06-11-2020	24	Virendra Tiwari	II	Combinational circuit	Encoders
07-11-2020	12	Harvindra Kr. Srivastav	III	Processor management	State models, case study of DOS
09-11-2020				Class Teaching	
10-11-2020	25	Virendra Tiwari	I	Control Statement	True & false in C
17-11-2020	26	Virendra Tiwari	I	Control Statement	Conditional statement, if
18-11-2020	25	Virendra Tiwari	II	Cobinational circuits	Decoders
19-11-2020	26	Virendra Tiwari	II	Combinational circuits	Multiplexers
21-11-2020	13	Harvindra Kr. Srivastav	III	Processor management	Job schedulers and its type, Windows
					Operating System
23-11-2020				Monthly Evaluation	
24-11-2020	27	Virendra Tiwari	I	Control statements	For statement, while statement
26-11-2020	28	Virendra Tiwari	I	Control statements	do-while & break
27-11-2020	27	Virendra Tiwari	II	Combinational circuits	Introduction Register
28-11-2020	28	Virendra Tiwari	II	Combinational circuits	Shift Register
01-12-2020	14	Harvindra Kr. Srivastav	III	Processor Management	Process Scheduling
02-12-2020				Class Teaching	
03-12-2020	29	Virendra Tiwari	I	Control Statement	Contimute exit ()& goto
07-12-2020	30	Virendra Tiwari	I	Basic I/O	Formatted & Unformatted I/O
08-12-2020	29	Virendra Tiwari	II	Combinational circuits	Buffer register counters
09-12-2020	30	Virendra Tiwari	II	Combinational circuits	Ripple counters
11-12-2020	15	Harvindra Kr. Srivastav	III	Processor management	Job and process synchronisation

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12-12-2020				Class Teaching		
14-12-2020	31	Virendra Tiwari	I	Basic I/O	Concept of function	
15-12-2020	32	Virendra Tiwari	I	Basic I/O	Examples of different types of functions	
16-12-2020	31	Virendra Tiwari	II	Basic computer organisation	Instruction code	
17-12-2020	32	Virendra Tiwari	II	Basic computer organisation	Direct & indirect address	
18-12-2020	16	Harvindra Kr. Srivastav	III	Processor Management	Race conditions, Scheduling algorithm &	
					its related problems	
21-12-2020				Class Teaching		
22-12-2020	33	Virendra Tiwari	I	Basic I/O	Recursion	
23-12-2020	34	Virendra Tiwari	I	Basic I/O	Parameter passing technique	
24-12-2020	33	Virendra Tiwari	II	Basic computer organisation	Timing & control signals	
26-12-2020	34	Virendra Tiwari	II	Basic computer organisation	Instruction Cycle	
28-12-2020	17	Harvindra Kr. Srivastav	III	Processor management	Introduction dead lock, Dead lock detection,	
					Recovery & Prevention	
29-12-2020				Monthly Evaluation		
30-12-2020	35	Virendra Tiwari	I	Array	Introduction	
31-12-2020	36	Virendra Tiwari	I	Array	One dimensional	
01-01-2021	35	Virendra Tiwari	II	Basic computer organisation	Memory reference instruction	
02-01-2021	36	Virendra Tiwari	II	Basic computer organisation	I/O Instruction	
04-01-2021	18	Harvindra Kr. Srivastav	III	Device Management	Introduction & its different technique	
06-01-2021				Class Teaching		
07-01-2021	37	Virendra Tiwari	I	Array	Two dimensional, multi dimensional array	
08-01-2021	38	Virendra Tiwari	I	Pointers	Concept of pointers, Pointer operators,	
					Pointer expressions, pointer & array	
09-01-2021	37	Virendra Tiwari	II	Memory	Memory hierarchy, RAM, SRAM, DRAM	
11-01-2021	38	Virendra Tiwari	II	Memory	Memory write ability & storage performance	
12-01-2021	19	Harvindra Kr. Srivastav	III	Device management	I/O Device storage device, logical &	
					physical, file system	
13-01-2021				Class Teaching		
16-01-2021	39	Virendra Tiwari	I	Pointer	Strings & string library function	

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