# Meerut Institute of Technology, Meerut

## Department of Computer Science and Engineering

### Dated: 29-07-2019

## Notice

This is for the information of all students of the CSE department, will organize the test series for GATE- 2020 every Saturday till 31/12/2019. All students who want to take GATE-2020 must present in the test series every Saturday and after the test series, whole test series questions will be discussed at the end .

(HOD CSE)

# Meerut Institute of Technology, Meerut
## Department of Computer Science and Engineering
### GATE Test Series (Session: 2019 - 2020)
### Attendance

| S.No. | Roll No. | Name | Aug 03 | Aug 10 | Aug 17 | Aug 24 | Aug 31 | Sep 07 | Sep 14 | Sep 21 | Sep 28 | Oct 05 | Oct 12 | Oct 19 | Oct 26 | Nov 02 | Nov 09 | Nov 16 | Nov 23 | Nov 30 | Dec 07 | Dec 14 | Dec 21 | Dec 28 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1629210001 | AANCHAL PANWAR | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 1629210002 | AARTI GUPTA | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 1629210004 | AAYUSHI TYAGI | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 1629210005 | ABDUL AZEEM | P | P | A | P | P | P | P | P | P | P | P | P | P | P | P | P | A | A | P | P | P | P |
| 5 | 1629210006 | ABHISHEK | | | | | | | | | | | | | | | | | | | | | | |
| 6 | 1629210007 | ABHISHEK TYAGI | | | | | | | | | | | | | | | | | | | | | | |
| 7 | 1629210008 | ADARSH SHARMA | | | | | | | | | | | | | | | | | | | | | | |
| 8 | 1629210009 | ADITYA KUMAR | | | | | | | | | | | | | | | | | | | | | | |
| 9 | 1629210010 | AJAY | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 1629210013 | AKASH KUMAR MAHENDIYAN | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 11 | 1629210014 | AKSHARA CHAUHAN | | | | | A | | | | | | | | | | | | | | | | | |
| 12 | 1629210015 | AMAN GUPTA | | | | | | | | | | | | | | | | | | | | | | |
| 13 | 1629210016 | AMARJEET KUMAR | | | | | | | | | | | | | | | | | | | | | | |
| 14 | 1629210017 | AMMAR AHMAD | | | | A | | | | | | | | | | | | | | | | | | |
| 15 | 1629210018 | ANKIT SAXENA | P | P | P | P | A | P | P | P | P | A | P | P | P | P | A | P | P | A | A | P | P | P |
| 16 | 1629210019 | ANUSHKA SHARMA | | | | | | | | | | | | | | | | | | | | | | |
| 17 | 1629210020 | ARPIT SINGHAL | | | | | | | | | | | | | | | | | | | | | | |
| 18 | 1629210021 | ARPIT SHARMA | | | | | | | | | | | | | | | | | | | | | | |
| 19 | 1629210023 | ASHWANI RATHI | A | P | A | A | P | P | P | P | A | A | A | A | P | P | P | P | P | A | A | P | P | P |
| 20 | 1629210025 | AVANI AGARWAL | | | | | | | | | | | | | | | | | | | | | | |
| 21 | 1629210026 | AYUSH JAISWAL | | | | | | | | | | | | | | | | | | | | | | |
| 22 | 1629210027 | AYUSH MAHESHWARI | | | | | | | | | | | | | | | | | | | | | | |
| 23 | 1629210028 | AYUSH MITTAL | | | | | | | | | | | | | | | | | | | | | | |
| 24 | 1629210029 | DHAIRYA GARG | | | | | | | | | | | | | | | | | | | | | | |
| 25 | 1629210030 | DIKSHANT SAINI | | | | | | | | | | | | | | | | | | | | | | |
| 26 | 1629210031 | DIVYA BHULANIA | | | | | | | | | | | | | | | | | | | | | | |
| 27 | 1629210032 | DIVYANSHI AGRAWAL | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| 28 | 1629210033 | DRAVYANSH VASHISHTH | | | | | | | | | | | | | | | | | | | | | | |
| 29 | 1629210035 | GOURAV SHARMA | | | | | | | | | | | | | | | | | | | | | | |
| 30 | 1629210036 | HARIS TYAGI | | | | | | | | | | | | | | | | | | | | | | |
| 31 | 1629210037 | HARSH VARDHAN | | | | | | | | | | | | | | | | | | | | | | |
| 32 | 1629210038 | HARSH NAIN | | | | | | | | | | | | | | | | | | | | | | |
| 33 | 1629210040 | HEMANT KUMAR TYAGI | | | | | | | | | | | | | | | | | | | | | | |
| 34 | 1629210041 | HIMANSHU GOEL | | | | | | | | | | | | | | | | | | | | | | |
| 35 | 1629210042 | HIMANSHU NEGI | | | | | | | | | | | | | | | | | | | | | | |
| 36 | 1629210043 | HIMANSHU THAKUR | | | | | | | | | | | | | | | | | | | | | | |
| 37 | 1629210044 | ISHA BHADANA | | | | | | | | | | | | | | | | | | | | | | |
| 38 | 1629210045 | KESHAV RATHI | | | | | | | | | | | | | | | | | | | | | | |
| 39 | 1629210046 | KM. ARSHI SAIFI | | | | | | | | | | | | | | | | | | | | | | |
| 40 | 1629210047 | KM. SAPNA AGARWAL | P | P | P | A | P | P | P | P | P | P | A | P | P | P | P | P | A | A | A | P | P | P |
| 41 | 1629210049 | KM. VANSHIKA PATHAK | P | P | P | A | P | P | P | P | P | P | P | P | P | P | P | P | P | A | A | P | P | P |
| 42 | 1629210050 | KUNDAN JHA | P | A | P | P | A | P | P | P | P | A | A | P | P | A | A | A | A | A | P | P | P | A |
| 43 | 1629210051 | LAKSHYA PUNDIR | | | | | | | | | | | | | | | | | | | | | | |
| 44 | 1629210052 | LAKSHYA SINGH | | | | | | | | | | | | | | | | | | | | | | |
| 45 | 1629210053 | MANJUL SAINI | P | A | P | A | P | P | P | P | P | A | P | P | A | P | P | P | P | A | P | P | A | P |
| 46 | 1629210054 | MOHD ZUBAIR | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |

# Meerut Institute of Technology, Meerut

## Department of Computer Science and Engineering

### GATE Test Series (Session: 2019 - 2020)

**Attendance**

| S.No. | Roll No. | Name | AUGUST | SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
|---|---|---|---|---|---|---|---|
| 47 | 1629210055 | MOHIT KUMAR | P A P P | P A P | A P P P | A P P A | A P A |
| 48 | 1629210056 | MONIKA GARG | P P P P | P P P | P P P | P P P P | P P A |
| 49 | 1629210057 | NEHA SOAM | P A | A P | A P | P A P | |
| 50 | 1629210058 | NISHU SINGH | | | | | |
| 51 | 1629210059 | OJASVI RANA | | | | | |
| 52 | 1629210060 | PALAK RASTOGI | | | | | |
| 53 | 1629210061 | PANKAJ SHARMA | P P P A | P P | P A | P P P A | P P |
| 54 | 1629210062 | PARAS TOMAR | | | | | |
| 55 | 1629210063 | PARSHANT KUMAR | | | | | |
| 56 | 1629210065 | PRANAV KUMAR | | | | | |
| 57 | 1629210066 | PRASHANT CHAUHAN | P P P | P A P A | A P A P | A P A | P |
| 58 | 1629210067 | PRASHANT KUMAR NAGAR | | | | | |
| 59 | 1629210068 | PRASHANT SINGH | | | | | |
| 60 | 1629210069 | PRATIK SINGH | | | | | |
| 61 | 1629210070 | PRAVESH UNIYAL | | | | | |
| 62 | 1629210071 | PRINCE | | | P P | P P P | P |
| 63 | 1629210072 | PRIYANKA | P P P A | P P P | A P A | P P P | |
| 64 | 1629210073 | PRIYANSH RASTOGI | | | | | |
| 65 | 1629210074 | PULKIT KAPIL | | | | | |
| 66 | 1629210075 | RAM KUMAR | | | | | |
| 67 | 1629210076 | RISHABH PRAJAPATI | | | | | |
| 68 | 1629210077 | RITIKA | | | | | |
| 69 | 1629210078 | RITIKA AGARWAL | P P P | A P P | P P P | P P P | P P P |
| 70 | 1629210079 | ROHAN MAHAJAN | P P P | A P | P P A | P P A | P P |
| 71 | 1629210080 | ROHIT CHAUDHARY | | | | | |
| 72 | 1629210081 | SACHIN PAHWA | | | | | |
| 73 | 1629210082 | SADDAM AHMAD | | | | | |
| 74 | 1629210083 | SAGAR VERMA | P P P | P A P | A P P | P A A | P |
| 75 | 1629210085 | SANYAM SINGHAL | | | | | |
| 76 | 1629210087 | SAURABH KUMAR NAGAR | P P P | P A P | P P P A | A P P A | P A A |
| 77 | 1629210088 | SHAN MOHD | | | | | |
| 78 | 1629210089 | SHIVAM SINGH | | | | | |
| 79 | 1629210090 | SHIVANI BARWA | | | | | |
| 80 | 1629210091 | SHIVANI SHARMA | | | | | |
| 81 | 1629210092 | SHIVANI GAUR | | | | | |
| 82 | 1629210093 | SHRUTI GARG | | | | | |
| 83 | 1629210094 | SHUBHAM | | | | | |
| 84 | 1629210095 | SHUBHAM BHATIA | | | | | |
| 85 | 1629210097 | SHUBHAM SRIVASTAVA | | | | | |
| 86 | 1629210098 | SUBHAM CHAUHAN | | | | | |
| 87 | 1629210099 | SUMIT KUMAR | P P P | A A P | A P P | A P P | P P P |
| 88 | 1629210100 | UJJAWAL SHARMA | | | | | |
| 89 | 1629210101 | UTKARSH BHARDWAJ | | | | | |
| 90 | 1629210102 | VAISHALI TYAGI | | | | | |
| 91 | 1629210103 | VANI GUPTA | | | | | |
| 92 | 1629210104 | VARENYA SINGHAL | | | | | |
| 93 | 1629210106 | VISHAL KUMAR BHORIWAL | P P P | P A P | P P P | A P P | P P P |
| 94 | 1629210107 | YOGITA SANGWAN | | | | | |
| 95 | 1629210108 | ZUHAIB BAIG | | | | | |

gate 2015 Syllabus for Computer Sciense- CS and we also provide details about the topics which you have to studied by the aspirants for **Gate Computer Science Engineering - CS exams**. Candidates may note that the Syllabus for **GATE Computer Science Engineering - CSE** will be arranged topic wise and students have to studied and prepare according to the given Pattern. All the Details are mention about the Syllabus for the **gate 2015 Computer Science Engineering Papers - CS**

## 1. COMPUTER SCIENCE AND INFORMATION TECHNOLOGY – CS & IT

### Engineering Mathematics

**Mathematical Logic:** Propositional Logic; First Order Logic.

**Probability:** Conditional Probability; Mean, Median, Mode and Standard Deviation; Random Variables; Distributions; uniform, normal, exponential, Poisson, Binomial.

**Set Theory & Algebra:** Sets; Relations; Functions; Groups; Partial Orders; Lattice; Boolean Algebra.

**Combinatorics:** Permutations; Combinations; Counting; Summation; generating functions; recurrence relations; asymptotics.

**Graph Theory:** Connectivity; spanning trees; Cut vertices & edges; covering; matching; independent sets; Colouring; Planarity; Isomorphism.

**Linear Algebra:** Algebra of matrices, determinants, systems of linear equations, Eigen values and Eigen vectors.

**Numerical Methods:** LU decomposition for systems of linear equations; numerical solutions of non-linear algebraic equations by Secant, Bisection and Newton-Raphson Methods; Numerical integration by trapezoidal and Simpson's rules.

**Calculus:** Limit, Continuity & differentiability, Mean value Theorems, Theorems of integral calculus, evaluation of definite & improper integrals, Partial derivatives, Total derivatives, maxima & minima.

### GENERAL APTITUDE(GA):
**Verbal Ability:** English grammar, sentence completion, verbal analogies, word groups, instructions, critical reasoning and verbal deduction.

### Computer Science and Information Technology
**Digital Logic:** Logic functions, Minimization, Design and synthesis of combinational and sequential circuits; Number representation and computer arithmetic (fixed and floating point).

**Computer Organization and Architecture:** Machine instructions and addressing modes, ALU and data-path, CPU control design, Memory interface, I/O interface (Interrupt and DMA mode), Instruction pipelining, Cache and main memory, Secondary storage.

**Programming and Data Structures:** Programming in C; Functions, Recursion, Parameter passing, Scope, Binding; Abstract data types, Arrays, Stacks, Queues, Linked Lists, Trees, Binary search trees, Binary heaps.

**Algorithms:** Analysis, Asymptotic notation, Notions of space and time complexity, Worst and average case analysis; Design: Greedy approach, Dynamic programming, Divide-and-conquer; Tree and graph traversals, Connected components, Spanning trees, Shortest paths; Hashing, Sorting, Searching. Asymptotic analysis (best, worst, average cases) of time and space, upper and lower bounds, Basic concepts of complexity classes P, NP, NP-hard, NP-complete.

**Theory of Computation:** Regular languages and finite automata, Context free languages and Push-down automata, Recursively enumerable sets and Turing machines, Undecidability.

**Compiler Design:** Lexical analysis, Parsing, Syntax directed translation, Runtime environments, Intermediate and target code generation, Basics of code optimization.

**Operating System:** Processes, Threads, Inter-process communication, Concurrency, Synchronization, Deadlock, CPU scheduling, Memory management and virtual memory, File systems, I/O systems, Protection and security.

**Databases:** ER-model, Relational model (relational algebra, tuple calculus), Database design (integrity constraints, normal forms), Query languages (SQL), File structures (sequential files, indexing, B and B+ trees), Transactions and concurrency control.

**Information Systems and Software Engineering:** information gathering, requirement and feasibility analysis, data flow diagrams, process specifications, input/output design, process life cycle, planning and managing the project, design, coding, testing, implementation, maintenance.

**Computer Networks:** ISO/OSI stack, LAN technologies (Ethernet, Token ring), Flow and error control techniques, Routing algorithms, Congestion control, TCP/UDP and sockets, IP(v4), Application layer protocols (icmp, dns, smtp, pop, ftp, http); Basic concepts of hubs, switches, gateways, and routers. Network security basic concepts of public key and private key cryptography, digital signature, firewalls.

**Web technologies:** HTML, XML, basic concepts of client-server computing.

# MEERUT INSTITUTE OF TECHNOLOGY, MEERUT
## Department of Computer Science and Engineering
### Gate Test Series – 2019-20
#### Question Paper

1. An unordered list contains n distinct elements. The number of comparisons to find an element in this list that is neither maximum nor minimum is
A. θ(n log n)
B. θ(n)
C. θ(log n)
D. θ(1)

2. The minimum number of JK flip-flops required to construct a synchronous counter with the count sequence (0,0,1,1,2,2,3,3,0,0,...) is_____.
A. 0
B. 1
C. 2
D. 3

3. Assume that for a certain processor, a read request takes 50 nanoseconds on a cache miss and 5 nanoseconds on a cache hit. Suppose while running a program, it was observed that 80% of the processor's read requests result in a cache hit. The average read access time in nanoseconds is
_____.

A. 10
B. 12
C. 13
D. 14

4. A computer system implements a 40-bit virtual address, page size of 8 kilobytes, and a 128-entry translation look-aside buffer (TLB) organized into 32 sets each having four ways. Assume that the TLB tag does not store any process id. The minimum length of the TLB tag in bits is_____.
A. 20
B. 10
C. 11
D. 22

5. Consider the following statements.
I. The complement of every Turing decidable language is Turing decidable
II. There exists some language which is in NP but is not Turing decidable
III. If L is a language in NP, L is Turing decidable Which of the above statements is/are true?
A. Only II
B. Only III
C. Only I and II
D. Only I and III

6. Consider the following function written in the C programming language.

```
void foo(char *a){
    if ( *a && *a != ` `){
        foo(a+1);
        putchar(*a);
    }
}
```

The output of the above function on input "ABCDEFGH" is
A. ABCD EFGH
B. ABCD
C. HGFE DCBA
D. DCBA

7. Consider a complete binary tree where the left and the right subtrees of the root are max-heaps. The lower bound for the number of operations to convert the tree to a heap is
A. $\Omega$ (log n)
B. $\Omega$ (n)
C. $\Omega$ (n log n)
D. $\Omega$ ($n^2$)

8. A binary tree T has 20 leaves. The number of nodes in T having two children is____.
A. 18
B. 19
C. 20
D. 17

9. Consider the following C function.
```
int fun(int n){
     int x=1,k;
     if (n==1) return x;
     for (k=1; k<n; ++k)
          x = x + fun(k) * fun(n-k);
     return x;
}
```
The return value of fun (5) is_____.
A. 0
B. 26
C. 51
D. 22

10. A software requirements specification (SRS) document should avoid discussing which one of the following?
A. User interface issues
B. User Expectations
C. Design specification
D. Interfaces with third party software

11. Consider two decision problems $Q_1$, $Q_2$ such that $Q_1$ reduces in polynomial time to 3-SAT and 3-SAT reduces in polynomial time to $Q_2$. Then which one of the following is consistent with the above statement?
A. $Q_1$ is in NP, $Q_2$ is NP hard.
B. $Q_2$ is in NP, $Q_1$ is NP hard.
C. Both $Q_1$ and $Q_2$ are in NP.
D. Both $Q_1$ and $Q_2$ are NP hard.

12. Match the following:
List – I
P. Lexical analysis
Q. Parsing
R. Register allocation
S. Expression evaluation List – II
I. Graph coloring
II. DFA minimization
III. Post-order traversal
IV. Production tree
A. P-II, Q-III, R-I, S-IV
B. P-II, Q-I, R-IV, S-III
C. P-II, Q-IV, R-I, S-III
D. P-II, Q-III, R-IV, S-I

13. In the context of abstract-syntax-tree (AST) and control-flow-graph (CFG), which one of the following is TRUE?
A. In both AST and CFG, let node $N_2$ be the successor of node $N_1$. In the input program, the code corresponding to $N_2$ is present after the code corresponding to $N_1$
B. For any input program, neither AST nor CFG will contain a cycle
C. The maximum number of successors of a node in an AST and a CFG depends on the input program
D. Each node in AST and CFG corresponds to atmost one statement in the input program

14. Consider the basic COCOMO model where E is the effort applied in person-months, D is the development time in chronological months, KLOC isthe estimated number of delivered lines of code (inthousands) and $a_b$, $b_b$, $c_b$, $d_b$ have their usual meanings. The basic COCOMO equations are of theform
A. $E = a_b (KLOC)exp(b_b)$, $D = c_b (E) exp(d_b)$
B. $D = a_b (KLOC)exp(b_b)$, $E = c_b (D) exp(d_b)$
C. $E = a_b exp(b_b)$, $D = c_b (KLOC) exp(d_b)$
D. $E = a_b exp(d_b)$, $D = c_b (KLOC) exp(b_b)$

15. A system has 6 identical resources and $N$ processes competing for them. Each process canrequest atmost 2 resources. Which one of the following values of $N$ could lead to a deadlock?
A. 1
B. 2
C. 3
D. None

16. Consider the following transaction involving twobank accounts xand y. Read (x); x: = x - 50; write(x); read(y); y: = y + 50; write(y)
The constraint that the sum of the accounts $x$ and $y$ should remain constant is that of
A. Atomicity
B. Consistency
C. Isolation
D. Durability

17. With reference to the B+ tree index of order 1shown below, the minimum number of nodes (including the Root node) that must be fet                    'Get all records with a search key greater than or equal to7 and
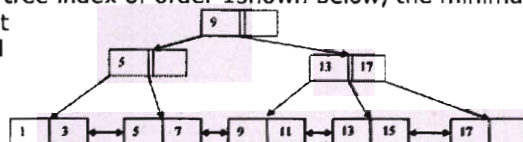


A. 4
B. 5
C. 6
D. 7

18. Identify the correct order in which a server process must invoke the function calls accept, bind,listen, and recv according to UNIX socket API.
A. listen, acc ept, bind, recv
B. bind, listen, accept, recv
C. bind, acce pt, listen, recv
D. accept, listen, bind, recv

19. A link has a transmission speed of $10^6$ bits/sec.It uses data packets of size 1000 bytes each. Assume that the acknowledgment has negligible transmission delay, and that its propagation delay is the same as the data propagation delay. Also assume that the processing delays at nodes are negligible. The efficiency of the stop-and-wait protocol in this setup is exactly 25%. The value ofthe one-way propagation delay (in milliseconds) is

_____.
A. 4
B. 8
C. 12
D. 16

20. Consider the following routing table at an IProuter:

| Network No. | Net Mask | Next Hop |
|---|---|---|
| 128.96.170.0 | 255.255.254.0 | Interface 0 |
| 128.96.168.0 | 255.255.254.0 | Interface 1 |
| 128.96.166.0 | 255.255.254.0 | R2 |
| 128.96.164.0 | 255.255.252.0 | R3 |
| 0.0.0.0 | Default | R4 |

For each IP address in Group I identify the correctchoice of the next hop from Group II using the entries from the routing table above.
**Group I**

i) 128.96.171.92
ii) 128.96.167.151
iii) 128.96.163.151
iv) 128.96.165.121
**Group II**
a) Interface 0
b) Interface 1
c) R2
d) R3
e) R4
A. i-a, ii-c, iii-e, iv-d
B. i-a, ii-d, iii-b, iv-e
C. i-b, ii-c, iii-d, iv-e
D. i-b, ii-c, iii-e, iv-d

# MEERUT INSTITUTE OF TECHNOLOGY, MEERUT
## Department of Computer Science and Engineering
## Gate Test Series – 2019-20
### Question Paper with Solution

1. An unordered list contains n distinct elements. The number of comparisons to find an element in this list that is neither maximum nor minimum is
A. $\theta(n \log n)$
B. $\theta(n)$
C. $\theta(\log n)$
D. $\theta(1)$

Answer ||| D
Solution |||
We only need to consider any 3 elements and compare them. So the number of comparisons is constants, that makes time complexity as $\Theta$ (1) The catch here is, we need to return any element that is neither maximum not minimum. Let us take an array {10, 20, 15, 7, and 90}. Output can be 10 or 15 or 20 Pick any three elements from givenliar. Let the three elements be 10, 20 and 7. Using 3 comparisons, we can find that the middle element is 10.

2. The minimum number of JK flip-flops required toconstruct a synchronous counter with the count sequence (0,0,1,1,2,2,3,3,0,0,...) is_____.
A. 0
B. 1
C. 2
D. 3

Answer ||| D
Solution |||
Answer = 3, mod 8 up counter using 3 JK flip flops. Ignore the output of LSB
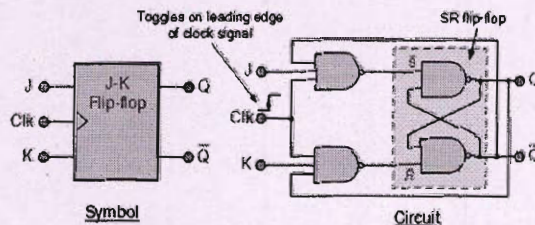


Symbol          Circuit

3. Assume that for a certain processor, a read request takes 50 nanoseconds on a cache miss and5 nanoseconds on a cache hit. Suppose while running a program, it was observed that 80% of the processor's read requests result in a cache hit. The average read access time in nanoseconds is

_____.
A. 10
B. 12
C. 13
D. 14

Answer ||| D
Solution |||
The average read access time in nanoseconds =
0.8 * 5 + 0.2*50 = 14. The time a program or device takes to locate a single piece of information and make it available to the computer forprocessing. *DRAM (dynamic random accessmemory)* chips for personal computers have accesstimes of 50 to 150 nanoseconds (billionths of a second). *Static RAM (SRAM)* has access times as low as 10 nanoseconds. Ideally, the access time of memory should be fast enough to keep up with the CPU. If not, the CPU will waste a certain number of clock cycles, which makes it slower.

4. A computer system implements a 40-bit virtual address, page size of 8 kilobytes, and a 128-entry translation look-aside buffer (TLB) organized into 32 sets each having four ways. Assume that the TLB tag does not store any process id. The minimum length of the TLB tag in bits is_____.

A. 20
B. 10
C. 11
D. 22

Answer ||| C
Solution |||
Total virtual address size = 40
Since there are 32 sets, set offset = 5
Since page size is 8kilobytes, word offset = 13Minimum tag size = 40 - 5- 13 = 22

5. Consider the following statements.
I. The complement of every Turing decidablelanguage is Turing decidable
II. There exists some language which is in NP but isnot Turing decidable
III. If L is a language in NP, L is Turing decidableWhich of the above statements is/are true?
A. Only II
B. Only III
C. Only I and II
D. Only I and III

Answer ||| D
Solution |||
1 is true: Complement of Turing decidable is TuringDecidable.
3 are true. All NP problems are Turing decidable
2 is false: The definition of NP itself says solvablein
Polynomial time using non-deterministic Turingmachine.
An algorithm is said to be solvable in polynomial time if the number of steps required to complete the algorithm for a given input is for some nonnegative integer, where is the complexity of theinput. Polynomial-time algorithms are said to be "fast."

6. Consider the following function written in the Cprogramming language.

```
void foo(char *a){
    if ( *a && *a != ' '){
        foo(a+1);
        putchar(*a);
    }
}
```

The output of the above function on input "ABCDEFGH" is}
A. ABCD EFGH
B. ABCD
C. HGFE DCBA
D. DCBA

Answer ||| D
Solution |||
The program prints all characters before ' ' or '\0' (whichever comes first) in reverse order. The first line of the program #includes <stdio.h> is a preprocessor command, which tells a C compiler to include stdio.h file before going to actual compilation. The next line int main() is the main function where the program execution begins.

7. Consider a complete binary tree where the leftand the right subtrees of the root are max-heaps.The lower bound for the number of operations to convert the tree to a heap is
A. $\Omega$ (log n)
B. $\Omega$ (n)
C. $\Omega$ (n log n)
D. $\Omega$ (n²)

Answer ||| A
Solution |||
The answer to this question is simply max-heapify function. Time complexity of max-heapify is O(Log n) as it recourses at most through height of heap.
// A recursive method to heapify a sub tree with root at given index
// this method assumes that the sub trees arealready heapified
Void MinHeap::MaxHeapify(int i)
{

```
Int l = left(i); Int r = right(i);Int largest = i;
If (l < heap size && harr[l] < harr[i])Largest = l;
If (r < heap size && harr[r] < harr[smallest])Largest = r;
If (largest != i)
{
Swap(&harr[i], &harr[largest]);MinHeapify(largest);
}
}
```

8.  A binary tree T has 20 leaves. The number ofnodes in T having two children is____.
A. 18
B. 19
C. 20
D. 17

Answer ||| B
Solution |||
The number of nodes with two children is always one less than the number of leaves. In computer science, a binary tree is a tree data structure in which each node has at most two children, which are referred to as the left child and the right child. Binary trees are seldom used solely for their structure. Much more typical is to define a labeling function on the nodes, which associates some valueto each node. Binary trees labeled this way areused to implement binary search trees and binary heaps, and are used for efficient searching and sorting. The designation of non-root nodes as left or right child even when there is only one child present matters in some of these applications, in particular it is significant in binary search trees. In mathematics, what is termed binary tree can vary significantly from author to author. Some use the definition commonly used in computer science, but others define it as every non-leaf having exactly two children and don't necessarily order (as left/right) the children either.

9.  Consider the following C function.
```
int fun(int n){
    int x=1,k;
    if (n==1) return x;
    for (k=1; k<n; ++k)
         x = x + fun(k) * fun(n-k);
    return x;
}
```
The return value of fun (5) is_____.
A. 0
B. 26
C. 51
D. 22

Answer ||| C
Solution |||
Fun(5) = 1 + fun(1) * fun(4) + fun(2) * fun(3) +Fun(3) * fun(2) + fun(4) * fun(1)
= 1 + 2*[fun(1)*fun(4) + fun(2)*fun(3)]Substituting fun(1) = 1
= 1 + 2*[fun(4) + fun(2)*fun(3)] Calculating fun(2), fun(3) and fun(4) Fun(2) = 1 + fun(1)*fun(1) = 1 + 1*1 = 2
Fun(3) = 1 + 2*fun(1)*fun(2) = 1 + 2*1*2 = 5Fun(4) = 1 + 2*fun(1)*fun(3) + fun(2)*fun(2)
= 1 + 2*1*5 + 2*2 = 15
Substituting values of fun(2), fun(3) and fun(4)Fun(5) = 1 + 2*[15 + 2*5] = 51

10. A software requirements specification (SRS) document should avoid discussing which one of thefollowing?
A. User interface issues
B.  User Expectations
C. Design specification
D. Interfaces with third party software

Answer ||| C
Solution |||
Software requirements specification (SRS) is a description of a software system to be developed, laying out functional and non-functional requirements, and may include a set of use cases that describe interactions the users will have with the software. Design Specification should not be part of SRS.

11. Consider two decision problems $Q_1$, $Q_2$ suchthat $Q_1$ reduces in polynomial time to 3-SAT and3-SAT reduces in polynomial time to $Q_2$. Then which one of the following is consistent with the above statement?

A. $Q_1$ is in NP, $Q_2$ is NP hard.
B. $Q_2$ is in NP, $Q_1$ is NP hard.
C. Both $Q_1$ and $Q_2$ are in NP.
D. Both $Q_1$ and $Q_2$ are NP hard.

Answer ||| A
Solution |||
Q1 reduces in polynomial time to 3-SAT
==> Q1 is in NP
3-SAT reduces in polynomial time to Q2
==> Q2 is NP Hard. If Q2 can be solved in P, then3-SAT
Can be solved in P, but 3-SAT is NP-Complete, thatmakes Q2 NP Hard

12. Match the following:
List – I
P. Lexical analysis
Q. Parsing
R. Register allocation
S. Expression evaluationList – II
I. Graph coloring
II. DFA minimization
III. Post-order traversal
IV. Production tree
A. P-II, Q-III, R-I, S-IV
B. P-II, Q-I, R-IV, S-III
C. P-II, Q-IV, R-I, S-III
D. P-II, Q-III, R-IV, S-I

Answer ||| C
Solution |||
Register allocation is a variation of Graph Coloringproblem.
Lexical Analysis uses DFA. Parsing makes production tree
Expression evaluation is done using tree traversal. In graph theory, graph coloring is a special case ofgraph labeling; it is an assignment of labelstraditionally called "colors" to elements of a graphsubject to certain constraints. In its simplest form,it is a way of coloring the vertices of a graph suchthat no two adjacent vertices share the same color;this is called a vertex coloring. Similarly, an edgecoloring assigns a color to each edge so that notwo adjacent edges share the same color, and aface coloring of a planar graph assigns a color toeach face or region so that no two faces that share a boundary have the same color. Vertex coloring is the starting point of the subject, and other coloringproblems can be transformed into a vertex version.For example, an edge coloring of a graph is just a vertex coloring of its line graph, and a face coloring of a plane graph is just a vertex coloring of its dual.However, non-vertex coloring problems are often stated and studied as is. That is partly for perspective, and partly because some problems arebest studied in non-vertex form, as for instance is edge coloring.

13. In the context of abstract-syntax-tree (AST)and control-flow-graph (CFG), which one of the following is TRUE?
A. In both AST and CFG, let node $N_2$ be the successor of node $N_1$. In the input program, the code corresponding to $N_2$ is present after the codecorresponding to $N_1$
B. For any input program, neither AST nor CFG willcontain a cycle
C. The maximum number of successors of a node in an AST and a CFG depends on the input program
D. Each node in AST and CFG corresponds to atmost one statement in the input program

Answer ||| C
Solution |||
(A) is false, In CFG (Control Flow Graph), code of N2 May be present before N1 when there is a loop or goto.
(B) is false, CFG (Control Flow Graph) containscycle when input program has loop.
(C) is true, successors in AST and CFG depedendon input program
(D) is false, a single statement may belong to a block of statements.

14. Consider the basic COCOMO model where E is the effort applied in person-months, D is the development time in chronological months, KLOC isthe estimated number of delivered lines of code (inthousands) and $a_b$, $b_b$, $c_b$, $d_b$ have their usual meanings. The basic COCOMO equations are of theform
A. $E = a_b (KLOC)exp(b_b)$, $D = c_b (E) exp(d_b)$
B. $D = a_b (KLOC)exp(b_b)$, $E = c_b (D) exp(d_b)$
C. $E = a_b exp(b_b)$, $D = c_b (KLOC) exp(d_b)$
D. $E = a_b exp(d_b)$, $D = c_b (KLOC) exp(b_b)$

Answer ||| A
Solution |||
In Basic COCOMO, following are true.
Effort Applied (E) = $a_b(KLOC)^{b_b}$[ person-months ] Development Time (D) = $c_b$(Effort Applied)$^d$[months]
People required (P) = Effort Applied / DevelopmentTime [count]

15. A system has 6 identical resources and $N$ processes competing for them. Each process canrequest atmost 2 resources. Which one of the following values of $N$ could lead to a deadlock?
A. 1
B. 2
C. 3

D. None

Answer ||| D

Solution ||| P1 --> 1
P2 --> 1
P3 --> 1
P4 --> 1
Even 4 processes can be in safe with 5 resources.So upto 5 processes there will be no deadlock.

16. Consider the following transaction involving twobank accounts xand y. Read (x); x: = x - 50; write(x); read(y); y: = y + 50; write(y)
The constraint that the sum of the accounts $x$ and
$y$ should remain constant is that of
A. Atomicity
B. Consistency
C. Isolation
D. Durability

Answer ||| B
Solution |||
Consistency in database systems refers to the requirement that any given database transaction must only change affected data in allowed ways, that is sum of x and y must not change. Consistency in database systems refers to the requirement that any given database transaction must change affected data only in allowed ways. Any data written to the database must be valid according to all defined rules, including constraints,cascades, triggers, and any combination thereof.

17. With reference to the B+ tree index of order 1shown below, the minimum number of nodes (including the Root node) that must be fet                                      'Get all records with a search key greater than or equal to7 and
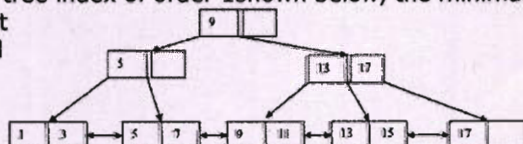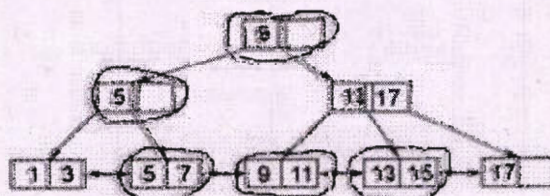


A. 4
B. 5
C. 6
D. 7

Answer ||| B
Solution |||
We can get all values in range from 7 to 59 byaccessing 5 nodes.
1) First search 7 in a leaf node.
2) Once 7 is found, linearly traverse till 15 is found.See following diagram

18. Identify the correct order in which a server process must invoke the function calls accept, bind, listen, and recv according to UNIX socket API.
A. listen, acc ept, bind, recv
B. bind, listen, accept, recv
C. bind, acce pt, listen, recv
D. accept, listen, bind, recv

Answer ||| B
Solution |||
bind, listen, accept and recv are server side socketAPI functions.
bind() associates a socket with a socket addressstructure,
i.e. a specified local port number and IP address. listen() causes a bound TCP socket to enterlistening state.
accept() accepts a received incoming attempt tocreate a new
TCP connection from the remote client,
recv() is used to receive data from a remotesocket.
A server must first do bind() to tell operating system the port number on which it would be listing, then it must listen to receive incoming connection requests on the bound port number. Once a connection comes, the server accepts using accept(), then starts receiving data using recv().

19. A link has a transmission speed of $10^6$ bits/sec.It uses data packets of size 1000 bytes each. Assume that the acknowledgment has negligible transmission delay, and that its propagation delay is the same as the data propagation delay. Also assume that the processing delays at nodes are negligible. The efficiency of the stop-and-wait protocol in this setup is exactly 25%. The value ofthe one-way propagation delay (in milliseconds) is
_____ .

A. 4
B. 8
C. 12
D. 16

Answer ||| C
Solution |||
In stop and wait, protocol next packet is sent only when acknowledgement of previous packet is received. This causes poor link utilization.Transmission speed = $10^6$
Time to send a packet = $(1000 * 8)$ bits / $10^6$
= 8 milliseconds
Since link utilization or efficiency is 25%, total timeTaken for 1 packet is 8 * 100/25 = 32 milliseconds. Total time is twice the one way propagation delay plus transmission delay. Propagation delay has to be considered for packet and ack both. Transmission delay is considered only for packet asthe question says that trans. time for ack is negligible.
Let propagation delay be x.2x + 8 = 32
x = 12
Which one of the following statements is NOTcorrect about HTTP cookies?
A. A cookie is a piece of code that has the potentialto compromise the security of an Internet user
B. A cookie gains entry to the user's work area
through an HTTP header
C. A cookie has an expiry date and time
D. Cookies can be used to track the browsingpattern of a user at a particular site
Answer ||| ASolution |||
Cookies are not piece of code, they are just stringstypically in the form of key value pairs.
Cookies are data, stored in small text files, on yourcomputer.
When a web server has sent a web page to abrowser, the connection is shut down, and theserver forgets everything about the user.
Cookies were invented to solve the problem "howto remember information about the user":
When a user visits a web page, his name can be stored in a cookie.
Next time the user visits the page, the cookie "remembers" his name.

20. Consider the following routing table at an IProuter:

| Network No. | Net Mask | Next Hop |
|---|---|---|
| 128.96.170.0 | 255.255.254.0 | Interface 0 |
| 128.96.168.0 | 255.255.254.0 | Interface 1 |
| 128.96.166.0 | 255.255.254.0 | R2 |
| 128.96.164.0 | 255.255.252.0 | R3 |
| 0.0.0.0 | Default | R4 |

For each IP address in Group I identify the correctchoice of the next hop from Group II using the entries from

the routing table above.
**Group I**
i) 128.96.171.92
ii) 128.96.167.151
iii) 128.96.163.151
iv) 128.96.165.121
**Group II**
a) Interface 0
b) Interface 1
c) R2
d) R3
e) R4
A. i-a, ii-c, iii-e, iv-d
B. i-a, ii-d, iii-b, iv-e
C. i-b, ii-c, iii-d, iv-e
D. i-b, ii-c, iii-e, iv-d

Answer ||| A
Solution |||
The next hop is decided according to the longest prefix matching. Next hop is a routing term that refers to the next closest router a packet can go through. The next hop is among the series of routers that are connected together in a network and is the next possible destination for a datapacket. The Internet consists of thousands of different networks of every size and shape. Routers are among the most important and significant network devices in this network in that they hold the key to the rapid growth of the Internet worldwide, enabling communication among the devices. Therefore, a router has to manage the information related to its topological surroundings, specifically about nearby routers. Whenever a router maintains information about the routers inits routing table, the lowest metric among them is known as the next hop or the next optimal router.
19.2 ms

# Meerut Institute of Technology, Meerut (292)
# Department of Computer Science & Engineering
## Gate Test Series - 2019-2020
### Answer Sheet

Time: 1 Hr.                                         Max Marks:  20

**Participant Details**

| Roll No.: | 1629210032 |
| Name: | Di. Divyanshi Agrawal |
| Branch: | Comp-Sc. |
| Date of Test: | 02/Nov/19 |

| Q. No. | Answer | Q. No. | Answer | Q. No. | Answer | Q. No. | Answer |
|---|---|---|---|---|---|---|---|
| 1 | D | 16 | B | | | | |
| 2 | D | 17 | B | | | | |
| 3 | C | 18 | C | | | | |
| 4 | C | 19 | C | | | | |
| 5 | D | 20 | B | | | | |
| 6 | D | | | | | | |
| 7 | A | | | | | | |
| 8 | B | | | | | | |
| 9 | C | | | | | | |
| 10 | D | | | | | | |
| 11 | A | | | | | | |
| 12 | C | | | | | | |
| 13 | B | | | | | | |
| 14 | A | | | | | | |
| 15 | D | | | | | | |

| Marks Scored | | | Signature (Evaluator) | | | | |
|---|---|---|---|---|---|---|---|
| 15 | | | | | | | |

# Meerut Institute of Technology, Meerut

## GATE TEST SERIES

Session: 2019-20 (ODD)

**Summary Report**

**Submitted By:**

Department of Computer Science & Engineering

**Submitted To:**

The Director

M.I.T., Meerut.

# Gate Test Series

## Summary Report

Tests and examinations are important aspects of education; they judge the students' potential and acquired knowledge. Tests and examinations therefore play a pivotal role in the journey of students' success. To plan the preparation strategy for any competitive exam like GATE, a GATE aspirant needs to be well aware of his/ her strengths, weaknesses as well as have the ability to tackle the psychological challenge posed by the exam. Overall, they need to be systematic and strategic. For this, one need to get acquainted to the GATE exam pattern and type of questions asked.

Realizing the above mentioned, Department of CSE offers GATE Test Series that matches the level and orientation of the actual GATE. There are a good number of topic-wise tests and subject-wise tests to equip students in the most complete manner to accept, attempt and challenge the GATE exam. As student finish his/ her topic, and as he/ she finish his/ her subject, he/ she write the topic/subject-wise test and reflect upon him/ her. A student benchmark against the rest with regard to his/ her level of preparedness.

Importance of Test Series can be summarized as:

- Understanding proper Time Management.
- Familiarizing and revising the concepts.
- Familiarizing with final exam environment.
- Boosting self-confidence.
- Proper analysis of performance.
- Understanding weaknesses and strengths.
- Rectifying mistakes at the time of final exams.

This program was scheduled to be held weekly on every Saturday in the months of August to December in the session 2019-2020. This program was organized to be attended by the students of final year. This programme was open for all the final year students and all the students specially the GATE aspirants took much interest in attending the program, the average

attendance percentage of the programme was nearly 21%. Under this program, students were given test sheets and they were asked to submit the answer sheet in the prescribed time. Then subject experts from the faculty evaluated the sheets and returned to participants so that they can have a reflection of their performance. Solutions to the questions asked were also provided so that participants can practice them and may know where they did mistakes. Along with this, subject experts did a round of discussion on the questions and their respective solutions as well.

**Mechanical Engineering Department**

**Date: 16Jan 2020**

# NOTICE

**CCMT Counseling**

**Timings: 25-Jan-2020 (10 AM- 1PM)**
**Only for Mechanical Engineering (8th sem) Students**

Interested candidates can send their names to the undersigned as soon as possible.

Mr. Ravi Ranjan Kumar
HOD, Mechanical Engineering Department
Meerut Institute of Technology, Meerut
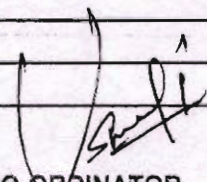
# CCMT Conselling content

## Introduction:

CCMT is a common platform for candidates to apply for M.Tech./ M.Arch./ M.Plan./M.Des. programmes, based on their GATE score of LAST 3 YEARS, in all NITs, IIEST Shibpur, and some IIITs & GFTIs (For details, please refer the list of Participating Institutes on CCMT website). This centralized system provides a common and convenient platform for online counseling wherein the candidates can fill-in single online application form from their homes and apply to all programmes in all the participating institutions to which they are eligible. The CCMT was initiated in the year 2012 for centralized admission for PG programmes and since then has undergone several changes to make it more student-friendly and included newer institutions under its umbrella. In the CCMT, new features such as online document verification have been introduced. For this purpose, after seat allotment, the candidates will be required to upload the needful documents. The features such as online withdrawal and willingness change etc. have been inherited from the previous years. Thus, the CCMT enormously increases the overall convenience of candidates. Candidates are allowed to participate in both regular rounds and Special Rounds even if one has obtained a seat in the regular round. The prospective candidates are advised to carefully read the information brochure and various other documents given on CCMT website.

## Table of Contents:

| S.N | Roll Number | Name of student |
|-----|-------------|-----------------|
| |||
| 1 | 1629240003 | JITENDAR KUMAR MISHRA |
| 2 | 1629240004 | KAJAL VERMA |
| 3 | 1629240006 | RAHUL RANA |
| 4 | 1629240007 | SHIVAM CHAUHAN |
| 5 | 1629240008 | SUDHANSHU RANJAN |
| 6 | 1629240010 | VISHAL SRIVASTAVA |
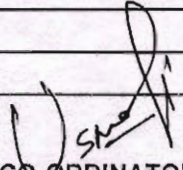
**MEERUT INSTITUTE OF TECHNOLOGY,MEERUT**

**Mechanical Engineering Department**

**List of enrolled students for CCMT Counselling**

**Session: 2019-20 (January 2020)**

CO-ORDINATOR

# MEERUT INSTITUTE OF TECHNOLOGY,MEERUT

## Mechanical Engineering Department

### Attendance sheet for CCMT Counselling

### Session: 2019-20 (January 2020)

| S.N | Roll Number | Name of student |
|-----|-------------|-----------------|
| 1 | 1629240003 | JITENDAR KUMAR MISHRA |
| 2 | 1629240004 | KAJAL VERMA |
| 3 | 1629240006 | RAHUL RANA |
| 4 | 1629240007 | SHIVAM CHAUHAN |
| 5 | 1629240008 | SUDHANSHU RANJAN |
| 6 | 1629240010 | VISHAL SRIVASTAVA |

CO-ORDINATOR

## Mechanical Engineering Department

**Date: 22 April 2019**

# **NOTICE**

### GATE Classes

All students of ME 6 th semester are hereby informed that we are going to start GATE Classes from 1-July-2019 (Monday to Friday from 3:10 P.M - 4:40 P.M.).    Interested students can send their names to the undersigned latest by 26- April- 2019.

Mr. Sunil Kumar Maurya
HOD, Mechanical Engineering Department
Meerut Institute of Technology, Meerut

| | | MEERUT INSTITUTE OF TECHNOLOGY,MEERUT |
|---|---|---|
| | | **Mechanical Engineering Department** |
| | | **List of enrolled students for GATE Classes** |
| | | **Session: 2019-20 (July 2019)** |
| S.N | Roll Number | Name of student |
| 1 | 1629240004 | KAJAL VERMA |
| 2 | 1629240005 | RADHESHYAM |
| 3 | 1629240006 | RAHUL RANA |
| 4 | 1629240007 | SHIVAM CHAUHAN |
| 5 | 1629240008 | SUDHANSHU RANJAN |
| 6 | 1629240010 | VISHAL SRIVASTAVA |

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| S.N. | Roll Number | Name of student | DATE | | | | |
|---|---|---|---|---|---|---|---|
| | | | 1/7/2019 | 2/7/2019 | 3/7/2019 | 4/7/2019 | 5/7/2019 |
| 1 | 1629240004 | KAJAL VERMA | P | P | P | P | P |
| 2 | 1629240005 | RADHESHYAM | P | A | A | P | P |
| 3 | 1629240006 | RAHUL RANA | P | A | P | P | P |
| 4 | 1629240007 | SHIVAM CHAUHAN | A | P | P | A | A |
| 5 | 1629240008 | SUDHANSHU RANJAN | P | P | P | A | P |
| 6 | 1629240010 | VISHAL SRIVASTAVA | P | P | A | P | P |
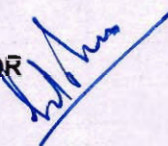
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**GATE Classes**

**Session: 2019-20 (July 2019) (Attendence Sheet)**

CO-ORDINATOR

## MEERUT INSTITUTE OF TECHNOLOGY,MEERUT

### GATE Classes

### Session: 2019-20 (July 2019) (Attendence Sheet)

| S.N | Roll Number | Name of student | DATE | | | | |
|---|---|---|---|---|---|---|---|
| | | | 8/7/2019 | 9/7/2019 | 10/7/2019 | 11/7/2019 | 12/7/2019 |
| 1 | 1629240004 | KAJAL VERMA | P | P | A | P | P |
| 2 | 1629240005 | RADHESHYAM | P | P | P | P | P |
| 3 | 1629240006 | RAHUL RANA | P | P | P | P | P |
| 4 | 1629240007 | SHIVAM CHAUHAN | A | P | P | P | P |
| 5 | 1629240008 | SUDHANSHU RANJAN | P | P | P | P | P |
| 6 | 1629240010 | VISHAL SRIVASTAVA | P | P | P | P | A |

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# MEERUT INSTITUTE OF TECHNOLOGY,MEERUT

## GATE Classes

## Session: 2019-20 (July 2019) (Attendence Sheet)

| S.N. | Roll Number | Name of student | DATE | | | | |
|---|---|---|---|---|---|---|---|
| | | | 15/7/2019 | 16/7/2019 | 17/7/2019 | 18/7/2019 | 19/7/2019 |
| 1 | 1629240004 | KAJAL VERMA | P | P | P | P | P |
| 2 | 1629240005 | RADHESHYAM | A | P | P | P | P |
| 3 | 1629240006 | RAHUL RANA | P | P | P | P | P |
| 4 | 1629240007 | SHIVAM CHAUHAN | P | P | A | P | P |
| 5 | 1629240008 | SUDHANSHU RANJAN | P | P | P | P | A |
| 6 | 1629240010 | VISHAL SRIVASTAVA | A | P | P | P | P |

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# MEERUT INSTITUTE OF TECHNOLOGY,MEERUT

## GATE Classes

### Session: 2019-20 (July 2019) (Attendence Sheet)

| S.N | Roll Number | Name of student | DATE | | | | |
|---|---|---|---|---|---|---|---|
| | | | 22/7/2019 | 23/7/2019 | 24/7/2019 | 25/7/2019 | 26/7/2019 |
| 1 | 1629240004 | KAJAL VERMA | P | P | P | P | A |
| 2 | 1629240005 | RADHESHYAM | A | P | P | P | P |
| 3 | 1629240006 | RAHUL RANA | P | P | P | P | P |
| 4 | 1629240007 | SHIVAM CHAUHAN | P | P | P | P | P |
| 5 | 1629240008 | SUDHANSHU RANJAN | P | P | A | P | P |
| 6 | 1629240010 | VISHAL SRIVASTAVA | P | A | P | P | P |

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# MEERUT INSTITUTE OF TECHNOLOGY,MEERUT
## GATE Classes
## Session: 2019-20 (July 2019) (Attendence Sheet)

| S.N. | Roll Number | Name of student | DATE | | | | |
|---|---|---|---|---|---|---|---|
| | | | 29/7/2019 | 30/7/2019 | 31/7/2019 | 1/8/2019 | 2/8/2019 |
| 1 | 1629240004 | KAJAL VERMA | P | P | P | P | A |
| 2 | 1629240005 | RADHESHYAM | P | P | P | P | P |
| 3 | 1629240006 | RAHUL RANA | P | P | P | P | P |
| 4 | 1629240007 | SHIVAM CHAUHAN | P | P | P | P | P |
| 5 | 1629240008 | SUDHANSHU RANJAN | P | P | A | P | P |
| 6 | 1629240010 | VISHAL SRIVASTAVA | P | P | P | P | P |

CO-ORDINATOR

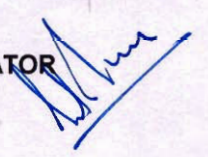| S.N | Roll Number | Name of student | DATE | | | | |
|-----|-------------|-----------------|----------|----------|----------|----------|----------|
| | | | 5/8/2019 | 6/8/2019 | 7/8/2019 | 8/8/2019 | 9/8/2019 |
| 1 | 1629240004 | KAJAL VERMA | P | P | P | P | P |
| 2 | 1629240005 | RADHESHYAM | P | P | P | P | P |
| 3 | 1629240006 | RAHUL RANA | P | P | P | P | P |
| 4 | 1629240007 | SHIVAM CHAUHAN | A | P | A | P | P |
| 5 | 1629240008 | SUDHANSHU RANJAN | P | P | P | P | P |
| 6 | 1629240010 | VISHAL SRIVASTAVA | P | P | P | P | A |

**MEERUT INSTITUTE OF TECHNOLOGY,MEERUT**

**GATE Classes**

**Session: 2019-20 (July 2019) (Attendence Sheet)**

CO-ORDINATOR

| S.N. | Roll Number | Name of student | DATE |
|---|---|---|

## MEERUT INSTITUTE OF TECHNOLOGY, MEERUT
### GATE Classes
### Session: 2019-20 (July 2019) (Attendence Sheet)

| S.N. | Roll Number | Name of student | 12/8/2019 | 13/8/2019 | 14/8/2019 | 15/8/2019 | 16/8/2019 |
|---|---|---|---|---|---|---|---|
| 1 | 1629240004 | KAJAL VERMA | Holiday | A | P | Holiday | A |
| 2 | 1629240005 | RADHESHYAM | | P | P | | P |
| 3 | 1629240006 | RAHUL RANA | | P | A | | P |
| 4 | 1629240007 | SHIVAM CHAUHAN | | P | P | | P |
| 5 | 1629240008 | SUDHANSHU RANJAN | | P | P | | P |
| 6 | 1629240010 | VISHAL SRIVASTAVA | | P | P | | A |

CO-ORDINATOR

# MEERUT INSTITUTE OF TECHNOLOGY,MEERUT

## GATE Classes

## Session: 2019-20 (July 2019) (Attendence Sheet)

| S.N. | Roll Number | Name of student | DATE | | | | |
|---|---|---|---|---|---|---|---|
| | | | 19/8/2019 | 20/8/2019 | 21/8/2019 | 22/8/2019 | 23/8/2019 |
| 1 | 1629240004 | KAJAL VERMA | P | A | P | P | P |
| 2 | 1629240005 | RADHESHYAM | P | P | P | P | P |
| 3 | 1629240006 | RAHUL RANA | P | P | P | P | P |
| 4 | 1629240007 | SHIVAM CHAUHAN | P | P | P | P | P |
| 5 | 1629240008 | SUDHANSHU RANJAN | P | P | P | P | P |
| 6 | 1629240010 | VISHAL SRIVASTAVA | P | P | A | P | P |

CO-ORDINATOR

# MEERUT INSTITUTE OF TECHNOLOGY,MEERUT

## GATE Classes

## Session: 2019-20 (July 2019) (Attendence Sheet)

| S.N. | Roll Number | Name of student | DATE 26/8/2019 | 27/8/2019 | 28/8/2019 | 29/8/2019 | 30/8/2019 |
|---|---|---|---|---|---|---|---|
| 1 | 1629240004 | KAJAL VERMA | P | P | P | P | P |
| 2 | 1629240005 | RADHESHYAM | P | P | P | P | P |
| 3 | 1629240006 | RAHUL RANA | P | P | P | A | P |
| 4 | 1629240007 | SHIVAM CHAUHAN | P | P | P | P | P |
| 5 | 1629240008 | SUDHANSHU RANJAN | P | P | P | P | P |
| 6 | 1629240010 | VISHAL SRIVASTAVA | P | P | P | P | P |

CO-ORDINATOR
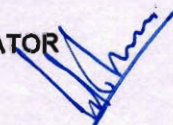
## MEERUT INSTITUTE OF TECHNOLOGY,MEERUT

### GATE Classes

### Session: 2019-20 (July 2019) (Attendence Sheet)

| S.N | Roll Number | Name of student | DATE | | | | |
|---|---|---|---|---|---|---|---|
| | | | 2/9/2019 | 3/9/2019 | 4/9/2019 | 5/9/2019 | 6/9/2019 |
| 1 | 1629240004 | KAJAL VERMA | P | P | P | P | P |
| 2 | 1629240005 | RADHESHYAM | P | P | P | P | P |
| 3 | 1629240006 | RAHUL RANA | P | P | P | P | P |
| 4 | 1629240007 | SHIVAM CHAUHAN | P | A | P | P | P |
| 5 | 1629240008 | SUDHANSHU RANJAN | P | P | P | P | P |
| 6 | 1629240010 | VISHAL SRIVASTAVA | P | P | P | P | P |

CO-ORDINATOR

## MEERUT INSTITUTE OF TECHNOLOGY,MEERUT

### GATE Classes

### Session: 2019-20 (July 2019) (Attendence Sheet)

| S.N. | Roll Number | Name of student | DATE | | | | |
|---|---|---|---|---|---|---|---|
| | | | 9/9/2019 | 10/9/2019 | 11/9/2019 | 12/9/2019 | 13/9/2019 |
| 1 | 1629240004 | KAJAL VERMA | P | Holiday | P | P | P |
| 2 | 1629240005 | RADHESHYAM | P | | P | P | P |
| 3 | 1629240006 | RAHUL RANA | P | | P | A | P |
| 4 | 1629240007 | SHIVAM CHAUHAN | P | | P | A | P |
| 5 | 1629240008 | SUDHANSHU RANJAN | P | | P | P | P |
| 6 | 1629240010 | VISHAL SRIVASTAVA | P | | P | P | P |

CO-ORDINATOR

## MEERUT INSTITUTE OF TECHNOLOGY,MEERUT
### GATE Classes
### Session: 2019-20 (July 2019) (Attendence Sheet)

| S.N. | Roll Number | Name of student | DATE 16/9/2019 | 17/9/2019 | 18/9/2019 | 19/9/2019 | 20/9/2019 |
|------|-------------|-----------------|-----------|-----------|-----------|-----------|-----------|
| 1 | 1629240004 | KAJAL VERMA | P | P | P | P | A |
| 2 | 1629240005 | RADHESHYAM | P | P | P | P | P |
| 3 | 1629240006 | RAHUL RANA | P | P | A | P | P |
| 4 | 1629240007 | SHIVAM CHAUHAN | P | P | P | P | P |
| 5 | 1629240008 | SUDHANSHU RANJAN | P | P | P | P | P |
| 6 | 1629240010 | VISHAL SRIVASTAVA | P | P | P | P | P |

CO-ORDINATOR

# MEERUT INSTITUTE OF TECHNOLOGY,MEERUT

## GATE Classes

## Session: 2019-20 (July 2019) (Attendence Sheet)

| S.N. | Roll Number | Name of student | DATE | | | | |
|---|---|---|---|---|---|---|---|
| | | | 23/9/2019 | 24/9/2019 | 25/9/2019 | 26/9/2019 | 27/9/2019 |
| 1 | 1629240004 | KAJAL VERMA | P | P | P | P | P |
| 2 | 1629240005 | RADHESHYAM | P | P | P | P | P |
| 3 | 1629240006 | RAHUL RANA | P | P | P | P | P |
| 4 | 1629240007 | SHIVAM CHAUHAN | P | P | A | P | P |
| 5 | 1629240008 | SUDHANSHU RANJAN | P | A | P | P | P |
| 6 | 1629240010 | VISHAL SRIVASTAVA | P | P | P | P | P |

CO-ORDINATOR

## MEERUT INSTITUTE OF TECHNOLOGY,MEERUT
### GATE Classes
### Session: 2019-20 (July 2019) (Attendence Sheet)

| S.N. | Roll Number | Name of student | DATE 30/9/2019 | 1/10/2019 | 2/10/2019 | 3/10/2019 | 4/10/2019 |
|------|-------------|-----------------|-----------|-----------|-----------|-----------|-----------|
| 1 | 1629240004 | KAJAL VERMA | P | P | Holiday | P | P |
| 2 | 1629240005 | RADHESHYAM | P | P | | P | A |
| 3 | 1629240006 | RAHUL RANA | P | P | | P | P |
| 4 | 1629240007 | SHIVAM CHAUHAN | P | P | | P | P |
| 5 | 1629240008 | SUDHANSHU RANJAN | P | A | | P | P |
| 6 | 1629240010 | VISHAL SRIVASTAVA | P | P | | P | P |

CO-ORDINATOR

## MEERUT INSTITUTE OF TECHNOLOGY,MEERUT

### GATE Classes

### Session: 2019-20 (July 2019) (Attendence Sheet)

| S.N. | Roll Number | Name of student | DATE | | | | |
|---|---|---|---|---|---|---|---|
| | | | 7/10/2019 | 8/10/2019 | 9/10/2019 | 10/10/2019 | 11/10/2019 |
| 1 | 1629240004 | KAJAL VERMA | Holiday | Holiday | P | P | P |
| 2 | 1629240005 | RADHESHYAM | | | P | P | P |
| 3 | 1629240006 | RAHUL RANA | | | P | P | P |
| 4 | 1629240007 | SHIVAM CHAUHAN | | | P | P | P |
| 5 | 1629240008 | SUDHANSHU RANJAN | | | P | P | P |
| 6 | 1629240010 | VISHAL SRIVASTAVA | | | P | P | P |

CO-ORDINATOR

| S.N | Roll Number | Name of student | 14/10/2019 | 15/10/2019 | 16/10/2019 | 17/10/2019 | 18/10/2019 |
|---|---|---|---|---|---|---|---|
| | | | | | | | |

**MEERUT INSTITUTE OF TECHNOLOGY,MEERUT**

**GATE Classes**

**Session: 2019-20 (July 2019) (Attendence Sheet)**

DATE

| S.N | Roll Number | Name of student | 14/10/2019 | 15/10/2019 | 16/10/2019 | 17/10/2019 | 18/10/2019 |
|---|---|---|---|---|---|---|---|
| 1 | 1629240004 | KAJAL VERMA | P | P | P | P | P |
| 2 | 1629240005 | RADHESHYAM | P | P | P | P | P |
| 3 | 1629240006 | RAHUL RANA | P | P | P | P | P |
| 4 | 1629240007 | SHIVAM CHAUHAN | P | P | P | P | P |
| 5 | 1629240008 | SUDHANSHU RANJAN | P | P | P | P | P |
| 6 | 1629240010 | VISHAL SRIVASTAVA | P | P | P | P | P |

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# MEERUT INSTITUTE OF TECHNOLOGY,MEERUT
## GATE Classes
## Session: 2019-20 (July 2019) (Attendence Sheet)

| S.N. | Roll Number | Name of student | DATE 21/10/2019 | 22/10/2019 | 23/10/2019 | 24/10/2019 | 25/10/2019 |
|------|-------------|-----------------|------------|------------|------------|------------|------------|
| 1 | 1629240004 | KAJAL VERMA | P | P | P | P | P |
| 2 | 1629240005 | RADHESHYAM | P | P | P | P | P |
| 3 | 1629240006 | RAHUL RANA | P | P | A | P | P |
| 4 | 1629240007 | SHIVAM CHAUHAN | P | P | P | P | P |
| 5 | 1629240008 | SUDHANSHU RANJAN | P | P | P | P | P |
| 6 | 1629240010 | VISHAL SRIVASTAVA | P | P | P | P | P |

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## MEERUT INSTITUTE OF TECHNOLOGY,MEERUT

### GATE Classes

### Session: 2019-20 (July 2019) (Attendence Sheet)

| S.N. | Roll Number | Name of student | DATE 28/10/2019 | 29/10/2019 | 30/10/2019 | 31/10/2019 | 1/11/2019 |
|------|-------------|-----------------|-----------|------------|------------|------------|-----------|
| 1 | 1629240004 | KAJAL VERMA | Holiday | Holiday | P | P | P |
| 2 | 1629240005 | RADHESHYAM | | | P | P | P |
| 3 | 1629240006 | RAHUL RANA | | | P | P | P |
| 4 | 1629240007 | SHIVAM CHAUHAN | | | A | P | P |
| 5 | 1629240008 | SUDHANSHU RANJAN | | | P | P | P |
| 6 | 1629240010 | VISHAL SRIVASTAVA | | | P | P | P |

CO-ORDINATOR

## MEERUT INSTITUTE OF TECHNOLOGY,MEERUT

### GATE Classes

### Session: 2019-20 (July 2019) (Attendence Sheet)

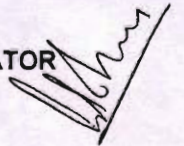| S.N | Roll Number | Name of student | DATE | | | | |
|---|---|---|---|---|---|---|---|
| | | | 4/11/2019 | 5/11/2019 | 6/11/2019 | 7/11/2019 | 8/11/2019 |
| 1 | 1629240004 | KAJAL VERMA | P | P | P | P | P |
| 2 | 1629240005 | RADHESHYAM | P | P | P | P | P |
| 3 | 1629240006 | RAHUL RANA | P | P | P | P | P |
| 4 | 1629240007 | SHIVAM CHAUHAN | P | P | A | P | P |
| 5 | 1629240008 | SUDHANSHU RANJAN | P | P | P | P | P |
| 6 | 1629240010 | VISHAL SRIVASTAVA | P | P | P | P | P |

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## MEERUT INSTITUTE OF TECHNOLOGY,MEERUT

### GATE Classes

### Session: 2019-20 (July 2019) (Attendence Sheet)

| S.N. | Roll Number | Name of student | DATE 11/11/2019 | 12/11/2019 | 13/11/2019 | 14/11/2019 | 15/11/2019 |
|------|-------------|-----------------|------------|------------|------------|------------|------------|
| 1 | 1629240004 | KAJAL VERMA | P | | A | P | P |
| 2 | 1629240005 | RADHESHYAM | P | | P | A | P |
| 3 | 1629240006 | RAHUL RANA | P | Holiday | P | P | P |
| 4 | 1629240007 | SHIVAM CHAUHAN | P | | P | P | P |
| 5 | 1629240008 | SUDHANSHU RANJAN | P | | P | P | P |
| 6 | 1629240010 | VISHAL SRIVASTAVA | P | | P | P | P |

CO-ORDINATOR

# MEERUT INSTITUTE OF TECHNOLOGY

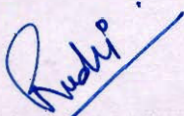**Mechanical Engineering Department**

**Date: 22 Feb 2020**

# NOTICE

## Group Discussion

**Only for Mechanical Engineering (8th sem) Students**

All students of ME 8$^{th}$ semester are hereby informed that Group discussion will be held in March. Interested candidates can send their names to the undersigned as soon as possible. Date and time slot group wise will be notified separately.

Ms. Ruchi Mittal
In-charge
MED, Meerut Institute of Technology, Meerut

Mr. Ravi Ranjan Kumar
HOD, Mechanical Engineering Department
Meerut Institute of Technology, Meerut

## MEERUT INSTITUTE OF TECHNOLOGY,MEERUT
### Mechanical Engineering Department
### List of enrolled students for Group Discussion
### Session: 2019-20 (March 2020)

| S.N | Roll Number | Name of student |
|-----|-------------|-----------------|
| 1 | 1629240003 | JITENDAR KUMAR MISHRA |
| 2 | 1629240004 | KAJAL VERMA |
| 3 | 1629240005 | RADHESHYAM |
| 4 | 1629240006 | RAHUL RANA |
| 5 | 1629240007 | SHIVAM CHAUHAN |
| 6 | 1629240008 | SUDHANSHU RANJAN |
| 7 | 1629240010 | VISHAL SRIVASTAVA |

CO-ORDINATOR

| S.N. | Group | Roll Number | Name of student | Date | Time |
|------|-------|-------------|-----------------|------|------|
| | | | **MEERUT INSTITUTE OF TECHNOLOGY,MEERUT** | | |
| | | | **Mechanical Engineering Department** | | |
| | | | **Date and time slot for Group discussion** | | |
| | | | **Session: 2019-20 (March 2020)** | | |
| 1 | A | 1629240003 | JITENDAR KUMAR MISHRA | 7/3/2020 | 10:00 A.M.-10:30 A.M. |
| 2 | | 1629240004 | KAJAL VERMA | | |
| 3 | | 1629240005 | RADHESHYAM | | |
| 4 | | 1629240006 | RAHUL RANA | | |
| 5 | | 1629240007 | SHIVAM CHAUHAN | | |
| 6 | | 1629240008 | SUDHANSHU RANJAN | | |
| 7 | | 1629240010 | VISHAL SRIVASTAVA | | |

CO-ORDINATOR

# MEERUT INSTITUTE OF TECHNOLOGY,MEERUT
## Mechanical Engineering Department
### Attendance sheet for Group Discussion
### Session: 2019-20 (March 2020)

| S.N. | Roll Number | Name of student |
|------|-------------|-----------------|
| 1 | 1629240003 | JITENDAR KUMAR MISHRA |
| 2 | 1629240004 | KAJAL VERMA |
| 3 | 1629240005 | RADHESHYAM |
| 4 | 1629240006 | RAHUL RANA |
| 5 | 1629240007 | SHIVAM CHAUHAN |
| 6 | 1629240008 | SUDHANSHU RANJAN |
| 7 | 1629240010 | VISHAL SRIVASTAVA |

CO-ORDINATOR

# MEERUT INSTITUTE OF TECHNOLOGY

(Approved by AICTE & Affliated to U.P. Technical University, Lucknow)
NH-58, Baral Partapur, Bypass Road, Meerut - 250 103, U.P., INDIA
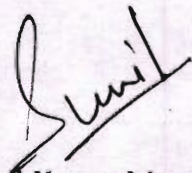Tel. : +91-121-2441600, 2441700, Fax : +91-121-2441700   Website : www.mitmeerut.ac.in

## Mechanical Engineering Department

**Date: 22 April 2019**

# NOTICE

## Aptitude Classes

All students of ME 6 th semester are hereby informed that we are going to start Aptitude Classes  from  6-July-2019. ( Every Saturday from 10: 00 A.M to 1 P.M.) Interested students can send their names to  the  undersigned  latest by  26- April-2019.

Mr. Sunil Kumar Maurya
HOD, Mechanical Engineering Department
Meerut Institute of Technology, Meerut

## MEERUT INSTITUTE OF TECHNOLOGY,MEERUT

### Mechanical Engineering Department

### List of enrolled students for APTITUDE Classes

### Session: 2019-20 (July 2019)

| S.N | Roll Number | Name of student |
|-----|-------------|-----------------|
| 1 | 1629240003 | JITENDAR KUMAR MISHRA |
| 2 | 1629240004 | KAJAL VERMA |
| 3 | 1629240005 | RADHESHYAM |
| 4 | 1629240006 | RAHUL RANA |
| 5 | 1629240007 | SHIVAM CHAUHAN |
| 6 | 1629240008 | SUDHANSHU RANJAN |
|  | 1629240010 | VISHAL SRIVASTAVA |

CO-ORDINATOR

| S.N. | Roll Number | Name of student | 6/7/2019 | 13/7/2019 | 20/7/2019 | 27/7/2019 | 3/8/2019 | 10/8/2019 |
|------|-------------|-----------------|----------|-----------|-----------|-----------|----------|-----------|
| 1 | 1629240003 | JITENDAR KUMAR MISHRA | P | P | P | P | P | P |
| 2 | 1629240004 | KAJAL VERMA | A | P | P | P | P | P |
| 3 | 1629240005 | RADHESHYAM | P | P | P | P | A | P |
| 4 | 1629240006 | RAHUL RANA | P | A | A | P | P | P |
| 5 | 1629240007 | SHIVAM CHAUHAN | P | P | P | P | P | P |
|  | 1629240008 | SUDHANSHU RANJAN | P | P | P | P | P | P |
| 7 | 1629240010 | VISHAL SRIVASTAVA | P | P | P | P | A | P |

**MEERUT INSTITUTE OF TECHNOLOGY,MEERUT**

**APTITUDE Classes**

**Session: 2019-20 (July 2019) (Attendence Sheet)**

DATE

CO-ORDINATOR

| S.N | Roll Number | Name of student | 17/8/2019 | 31/8/2019 | 7/9/2019 | 14/9/2019 | 21/9/2019 | 28/9/2019 |
|---|---|---|---|---|---|---|---|---|
| | | MEERUT INSTITUTE OF TECHNOLOGY,MEERUT | | | | | | |
| | | **APTITUDE Classes** | | | | | | |
| | | **Session: 2019-20 (July 2019) (Attendence Sheet)** | | | | | | |
| | | DATE | | | | | | |
| 1 | 1629240003 | JITENDAR KUMAR MISHRA | P | A | A | P | P | P |
| 2 | 1629240004 | KAJAL VERMA | P | P | P | P | P | P |
| 3 | 1629240005 | RADHESHYAM | P | P | A | P | P | P |
| 4 | 1629240006 | RAHUL RANA | P | P | P | P | P | P |
| 5 | 1629240007 | SHIVAM CHAUHAN | P | P | P | P | P | P |
| 6 | 1629240008 | SUDHANSHU RANJAN | A | P | P | P | P | P |
| 7 | 1629240010 | VISHAL SRIVASTAVA | P | P | P | A | P | P |

CO-ORDINATOR

## MEERUT INSTITUTE OF TECHNOLOGY,MEERUT

### APTITUDE Classes

### Session: 2019-20 (July 2019) (Attendence Sheet)

| S.N | Roll Number | Name of student | DATE | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 5/10/2019 | 12/10/2019 | 19/10/2019 | 26/10/2019 | 2/11/2019 | 9/11/2019 |
| 1 | 1629240003 | JITENDAR KUMAR MISHRA | P | P | P | P | P | P |
| 2 | 1629240004 | KAJAL VERMA | P | A | P | P | P | P |
| 3 | 1629240005 | RADHESHYAM | P | P | P | P | A | P |
| 4 | 1629240006 | RAHUL RANA | P | A | P | P | P | P |
| 5 | 1629240007 | SHIVAM CHAUHAN | P | P | P | P | P | A |
| 6 | 1629240008 | SUDHANSHU RANJAN | P | A | P | P | P | P |
| 7 | 1629240010 | VISHAL SRIVASTAVA | P | P | P | P | A | P |

CO-ORDINATOR

# MEERUT INSTITUTE OF TECHNOLOGY

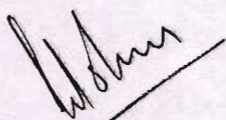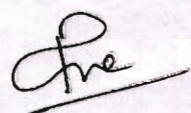## Mechanical Engineering Department

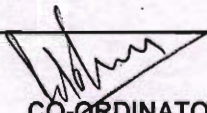**Date: 23 Jan 2020**

# NOTICE

## Mock Interview

## Only for Mechanical Engineering (8th sem) Students

All students of ME 8$^{th}$ semester are hereby informed that Mock interview will held in February. Interested candidates can send their names to the undersigned as soon as possible. Date and time slot of individual candidate will be notified separately.

Mr. Gulshan Kumar
In-charge
MED, Meerut Institute of Technology, Meerut

Mr. Ravi Ranjan Kumar
HOD, Mechanical Engineering Department
Meerut Institute of Technology, Meerut

# MEERUT INSTITUTE OF TECHNOLOGY,MEERUT
## Mechanical Engineering Department
### List of enrolled students for Mock Interview
### Session: 2019-20 (Feburary 2020)

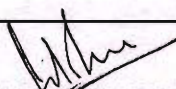| S.N | Roll Number | Name of student |
|-----|-------------|-----------------|
| 1 | 1629240004 | KAJAL VERMA |
| 2 | 1629240005 | RADHESHYAM |
| 3 | 1629240006 | RAHUL RANA |
| 4 | 1629240007 | SHIVAM CHAUHAN |
| 5 | 1629240008 | SUDHANSHU RANJAN |
| 6 | 1629240010 | VISHAL SRIVASTAVA |

CO-ORDINATOR

## MEERUT INSTITUTE OF TECHNOLOGY,MEERUT
### Mechanical Engineering Department
### Date and time slot for Mock Interview
### Session: 2019-20 (Feburary 2020)

| S.N | Roll Number | Name of student | Date of Interview | Interview time |
|-----|-------------|-----------------|-------------------|----------------|
| 1 | 1629240004 | KAJAL VERMA | 8/2/2020 | 10:00 A.M.- 10:15 A.M. |
| 2 | 1629240005 | RADHESHYAM | 8/2/2020 | 10:15 A.M.- 10:30 A.M. |
| 3 | 1629240006 | RAHUL RANA | 8/2/2020 | 10:30 A.M.- 10:45 A.M. |
| 4 | 1629240007 | SHIVAM CHAUHAN | 8/2/2020 | 10:45 A.M.- 11:00 A.M. |
| 5 | 1629240008 | SUDHANSHU RANJAN | 8/2/2020 | 11:00 A.M.- 11:15 A.M. |
| 6 | 1629240010 | VISHAL SRIVASTAVA | 8/2/2020 | 11:15 A.M.- 11:30 A.M. |

CO-ORDINATOR

| | | |
|---|---|---|
| **MEERUT INSTITUTE OF TECHNOLOGY,MEERUT** | | |
| **Mechanical Engineering Department** | | |
| **Attendance sheet for Mock Interview** | | |
| **Session: 2019-20 (Feburary 2020)** | | |
| S.N | **Roll Number** | **Name of student** |
| 1 | 1629240004 | KAJAL VERMA |
| 2 | 1629240005 | RADHESHYAM |
| 3 | 1629240006 | RAHUL RANA |
| 4 | 1629240007 | SHIVAM CHAUHAN |
| 5 | 1629240008 | SUDHANSHU RANJAN |
| 6 | 1629240010 | VISHAL SRIVASTAVA |

CO-ORDINATOR

# MEERUT INSTITUTE OF TECHNOLOGY, MEERUT

# DEPARTMENT OF ELECTRONICS AND COMMUNICATION

## NOTICE

This is to inform everybody that there will be special sessions on GATE Previous years problem solving which will be held every Saturday starting from 14/09/2019 Students are expected to register and attend these sessions who are looking forward to do M.Tech as their higher studies.Schedule for the sessions will be notified to all.

HOD

CC.

1. Director-For Kind Information
2. Registrar Office
3. Notice Boards

# MEERUT INSTITUTE OF TECHNOLOGY, MEERUT

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION

### Schedule for GATE Previous Years Problem Solving Classes

|  |  | Topics |
|---|---|---|
| 14/09/2019 | Session-1 | Previous Years Problem discussion of Networks Analysis and Synthesis |
| 21/09/2019 | Session-2 | Previous Years Problem discussion of Electronic Devices |
| 28/09/2019 | Session-3 | Previous Years Problem discussion of Analog Circuits |
| 05/10/2019 | Session-4 | Previous Years Problem discussion of Digital circuits |
| 12/10/2019 | Session-5 | Previous Years Problem discussion of Signals and Systems |
| 02/11/2019 | Session-6 | Previous Years Problem discussion of Control Systems |
| 09/11/2019 | Session-7 | Previous Years Problem discussion of Communications |
| 16/11/2019 | Session-8 | Previous Years Problem discussion of Electromagnetics |

Note: Each Session is of 6 Hrs duration timing for each session will be from 9:00 AM to 5:00PM with two session breaks. Break 1 will be from 11:00 to 11:30 AM and Break 2 will be from 2:00 to 2:45 PM

Each student has to bring his/her own scientific calculator.

(Co-ordinator)

## MEERUT INSTITUTE OF TECHNOLOGY, MEERUT

### DEPT OF EC

### SESSIONS ON GATE PREVIOUS YEARS PROBLEMS

14/09/2019-16/11/2019

| S No. | Name of the Student | Seesion1 | Sesssion 2 | Session 3 | Session 4 | Session 5 | Session 6 | Session 7 | Session 8 |
|-------|---------------------|----------|------------|-----------|-----------|-----------|-----------|-----------|-----------|
| 1 | ASHU TYAGI | P | P | P | P | P | A | P | P |
| 2 | PRINCE KUMAR | P | A | P | P | P | A | P | P |
| 3 | SHYAM SHANKAR | A | P | P | P | P | P | A | P |
| 4 | UJJWAL TYAGI | P | P | P | P | P | A | P | P |

# MEERUT INSTITUTE OF TECHNOLOGY, MEERUT

# DEPARTMENT OF ELECTRONICS AND COMMUNICATION

## NOTICE

This is to inform everybody that there will be special sessions on Schedule for Mock Aptitude and Group Discussions which will be held every Saturday starting from 14/09/2019. Students who are interested can contact Mr. Arun Kumar For further information.

HOD

CC.

1. Director-For Kind Information
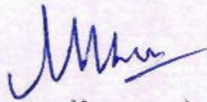2. Registrar Office
3. Notice Boards

# MEERUT INSTITUTE OF TECHNOLOGY, MEERUT

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION

### Schedule for Mock Apptitude and Group Discussions

|  |  | Topics |
|---|---|---|
| 14/09/2019 | Session-1 | Area, Average,Problem on Ages and Alligation or Mixture |
| 21/09/2019 | Session-2 | Percentage, Banker's Discount, |
| 28/09/2019 | Session-3 | HCF and LCM, Boats and Streams and Simple Interest |
| 05/10/2019 | Session-4 | Surds and Indices,Problems on Trains, |
| 12/10/2019 | Session-5 | Ratio and Proportion and Profit and Loss |
| 02/11/2019 | Session-6 | Pipes and Cisterns,Square Root and Cube Root, |
| 09/11/2019 | Session-7 | Partnership,Time and Distance,Volume and Surface Area and Time and Work |
| 16/11/2019 | Session-8 | GD |

Note: Each Session is of 6 Hrs duration timing for each session will be from 9:00 AM to 5:00PM with two session breaks. Break 1 will be from 11:00 to 11:30 AM and Break 2 will be from 2:00 to 2:45 PM

(Co-ordinator)

# MEERUT INSTITUTE OF TECHNOLOGY, MEERUT

## DEPT OF EC

### SESSIONS ON Mock Apptitude and Group Discussions
### 14/09/19- 16/11/19

| S No. | Name of the Student | Session 1 | Session 2 | Session 3 | Session 4 | Session 5 | Session 6 | Session 7 | Session 8 |
|-------|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 1 | ABHISHU GAUR | P | P | P | P | A | P | P | P |
| 2 | KM. PRIYA SHARMA | P | P | P | P | P | P | P | A |
| 3 | KESAR GUPTA | P | P | P | P | P | A | P | P |
| 4 | SHYAM KUMAR | P | P | P | P | P | P | P | P |