

# VIKAS COLLEGE OF ENGINEERING & TECHNOLOGY

## Training for TRAITSYS TECH(P-TT)

### QUANTATIVE APTITUDE ( 2015-16)

#### MODULE 1

TIME AND WORK: work done by A and B independent, together, alternatively, a left the work some days the remaining work done by B, before completions of work, ,two are more pipes pilld the tank, pipes open in alternatively,

#### MODULE 2

TIME SPEED AND DISTENCE: convert mts to kmph, convert kmph to mts, speed of train, length of train and platform, questions asked on opposite directions and same directions , River flow upstream and down stream, rate of stream and current stream of river flow.

#### MODULE 3

Permutations and combinations: Fundamental principle of counting, permutation as an arrangement and combination as selection, Meaning of  $P(n,r)$  and  $C(n,r)$ , simple applications.

#### Module 4

BLOOD RELATIONS: Relation ship between one to another, pointing a image ,show the person and find the relation ,introducing a man to others and the relation,

#### Module 5

CALENDAR: Find out the particular day in a year, odd days, leap year and non leap year, the same calendar repeats on ,angle between hour and minute,on what time both hands coincide or straight line, right angle triangle or 30 deg 60 deg space a part.

  
Signature.

# VIKAS COLLEGE OF ENGINEERING & TECHNOLOGY

## Training for GOOD THROUGH (P-GTS)

### QUANTATIVE APTITUDE ( 2015-16)

#### MODULE 1

PERCENTAGES: How to Calculate Percentage, The Percentage Increase and decreases ,how to calculate interest, what is simple interest, what is compound interest, difference between si and ci, error problems on percentage, dishonest seller problems.

#### MODULE 2

RATIO AND PROPORTIONS: Equivalent Ratios, compressions of 2 or more in a single ratio,if a number is add or subtract, duplicate ratio, sub duplicate ratio, investment on different amount, withdrawals and investment, ages are in the ratio before and after.

#### MODULE 3:

Arrangements: sitting arrangements, circular arrangements, floor arrangements , people sitting in a opposite directions ,find the shortest path, on which direction was facing ,if they rotate in clock wise or anti clock wise.

#### MODULE 4

Data sufficiency: comparison of 2 or more statements ,questions asked based on some all and no, relation ship between one to another, visual relation ship between one element to another.

#### MODULE 5

Odd man out: questions asked based on work letter and number, ranking arrangement, sequence between the letters numbers and words, left to left, left to right, right to left and right to right

  
Signature.

# VIKAS COLLEGE OF ENGINEERING & TECHNOLOGY

## Training for X PLIORE ( P-XPL)

### QUANTATIVE APTITUDE ( 2016-17)

#### MODULE 1

TIME AND WORK: work done by A and B independent, together, alternatively, a left the work some days the remaining work done by B, before completions of work, ,two are more pipes pilled the tank, pipes open in alternatively,

#### MODULE 2

TIME SPEED AND DISTENCE: convert mts to kmph, convert kmph to mts, speed of train, length of train and platform, questions asked on opposite directions and same directions , River flow upstream and down stream, rate of stream and current stream of river flow.

#### MODULE 3

CALENDAR: Find out the particular day in a year, odd days, leap year and non leap year, the same calendar repeats on ,angle between hour and minute ,on what time both hands coincide or straight line, right angle triangle or 30 deg 60 deg space a part.

#### MODULE 4:

Arrangements: sitting arrangements, circular arrangements, floor arrangements , people sitting in a opposite directions ,find the shortest past, on which direction was facing ,if they rotate in clock wise or anti clock wise.

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Data sufficiency: comparison of 2 or more statements ,questions asked based on some all and no, relation ship between one to another, visual relation ship between one element to another.

  
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# VIKAS COLLEGE OF ENGINEERING & TECHNOLOGY

## Training for INTEL NET (P-XPL)

### QUANTATIVE APTITUDE ( 2016-17)

#### MODULE 1

Permutations and combinations: Fundamental principle of counting, permutation as an arrangement and combination as selection, Meaning of  $P(n,r)$  and  $C(n,r)$ , simple applications.

#### MODULE 2

Sequences and series: Arithmetic and Geometric progressions, insertion of arithmetic, geometric means between two given numbers relation between A.M. and G.M. sum upto  $n$  terms of special series:  $S_n$ ,  $S_{n^2}$ ,  $S_{n^3}$  Arithmetic – Geometric progression

#### MODULE 3

Probability Measures of Dispersion: Calculation of mean, median, mode of grouped and ungrouped data calculation of standard deviation, variance and mean deviation for grouped and ungrouped data.

Probability: Probability of an event, addition and multiplication theorems of probability, Baye's theorem, probability distribution of a random variate, Bernoulli trials and Binomial distribution.

#### Module 4

BLOOD RELATIONS: Relation ship between one to another, pointing a image ,show the person and find the relation ,introducing a man to others and the relation,

#### Module 5

CALENDAR: Find out the particular day in a year, odd days, leap year and non leap year, the same calendar repeats on ,angle between hour and minute ,on what time both hands coincide or straight line, right angle triangle or 30 deg 60 deg space a part.

  
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# **VIKAS COLLEGE OF ENGINEERING & TECHNOLOGY**

## **Training for STATUS CLUSTER ( P-SC)**

### **QUANTATIVE APTITUDE ( 2017-18)**

#### **Module 1**

Data sufficiency: comparison of 2 or more statements ,questions asked based on some all and no, relation ship between one to another, visual relation ship between one element to another.

#### **MODULE 2**

PERCENTAGES: How to Calculate Percentage, The Percentage Increase and decreases ,how to calculate interest, what is simple interest, what is compound interest, difference between si and ci, error problems on percentage, dishonest seller problems.

#### **MODULE 3**

RATIO AND PROPORTIONS: Equivalent Ratios, compressions of 2 or more in a single ratio,if a number is add or subtract, duplicate ratio, sub duplicate ratio, investment on different amount, withdrawals and investment, ages are in the ratio before and after.

#### **MODULE 4**

Odd man out: questions asked based on work letter and number, ranking arrangement, sequence between the letters numbers and words, left to left, left to right, right to left and right to right

#### **MODULE 5**

CODING AND DECODING: increment order or decrement order, reverse order, reverse increment or decrement, assign the letters to numbers, change the name to another name.

  
Signature.

# **VIKAS COLLEGE OF ENGINEERING & TECHNOLOGY**

## **Training for VIVAN TECHNO SOLUTIONS ( P-VTS)**

### **QUANTATIVE APTITUDE ( 2017-18)**

#### **Module 1**

**CODING AND DECODING:** increment order or decrement order, reverse order, reverse increment or decrement, assign the letters to numbers, change the name to another name.

#### **Module 2**

**BLOOD RELATIONS:** Relation ship between one to another, pointing a image , show the person and find the relation ,introducing a man to others and the relation,

#### **Module 3**

**CALENDAR:** Find out the particular day in a year, odd days, leap year and non leap year, the same calendar repeats on ,angle between hour and minute ,on what time both hands coincide or straight line, right angle triangle or 30 deg 60 deg space a part.

#### **MODULE 4**

**PERCENTAGES:** How to Calculate Percentage, The Percentage Increase and decreases ,how to calculate interest, what is simple interest, what is compound interest, difference between si and ci, error problems on percentage, dishonest seller problems.

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# VIKAS COLLEGE OF ENGINEERING & TECHNOLOGY

## Training for POLARIS (P-POL)

### QUANTATIVE APTITUDE ( 2017-18)

#### MODULE 1

Permutations and combinations: Fundamental principle of counting, permutation as an arrangement and combination as selection, Meaning of  $P(n,r)$  and  $C(n,r)$ , simple applications.

#### MODULE 2

Sequences and series: Arithmetic and Geometric progressions, insertion of arithmetic, geometric means between two given numbers relation between A.M. and G.M. sum upto  $n$  terms of special series:  $S_n$ ,  $S_{n^2}$ ,  $S_{n^3}$  Arithmetic – Geometric progression

#### MODULE 3

Probability Measures of Dispersion: Calculation of mean, median, mode of grouped and ungrouped data calculation of standard deviation, variance and mean deviation for grouped and ungrouped data. Probability: Probability of an event, addition and multiplication theorems of probability, Baye's theorem, probability distribution of a random variate, Bernoulli trials and Binomial distribution.

#### Module 4:

Arrangements: sitting arrangements, circular arrangements, floor arrangements, people sitting in opposite directions, find the shortest path, on which direction was facing, if they rotate in clock wise or anti clock wise.

  
Signature

# VIKAS COLLEGE OF ENGINEERING & TECHNOLOGY

## Training for ATOS SYNTEL ( P- AS)

### QUANTATIVE APTITUDE ( 2018-19)

#### MODULE 1

Data sufficiency: comparison of 2 or more statements ,questions asked based on some all and no, relationship between one to another, visual relation ship between one element to another.

#### MODULE 2

Odd man out: questions asked based on work letter and number, ranking arrangement, sequence between the letters numbers and words, left to left, left to right, right to left and right to right

#### MODULE 3

Probability Measures of Dispersion: Calculation of mean, median, mode of grouped and ungrouped data calculation of standard deviation, variance and mean deviation for grouped and ungrouped data. Probability: Probability of an event, addition and multiplication theorems of probability, Baye's theorem, probability distribution of a random vitiate, Bernoulli trials and Binomial distribution.

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BLOOD RELATIONS: Relationship between one to another, pointing a image , show the person and find the relation ,introducing a man to others and the relation,

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CALENDAR: Find out the particular day in a year, odd days, leap year and non leap year, the same calendar repeats on ,angle between hour and minute, on what time both hands coincide or straight line ,right angle triangle or 30 deg 60 deg space a part.

  
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# **VIKAS COLLEGE OF ENGINEERING & TECHNOLOGY**

## **Training for AL BRIGHT TECHNOLOGIES (P-ALB)**

### **QUANTATIVE APTITUDE ( 2018-19)**

#### **MODULE 1:**

Arrangements: sitting arrangements, circular arrangements, floor arrangements , people sitting in a opposite directions ,find the shortest past, on which direction was facing ,if they rotate in clock wise or anti clock wise.

#### **MODULE 2**

Data sufficiency: comparison of 2 or more statements ,questions asked based on some all and no, relation ship between one to another, visual relation ship between one element to another.

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Odd man out: questions asked based on work letter and number, ranking arrangement, sequence between the letters numbers and words, left to left, left to right, right to left and right to right

#### **MODULE 4**

TIME AND WORK: work done by A and B independent, together, alternatively, a left the work some days the remaining work done by B, before completions of work, ,two are more pipes piled the tank, pipes open in alternatively,

#### **MODULE 5**

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**Signature**

# VIKAS COLLEGE OF ENGINEERING & TECHNOLOGY

## Training for IBE ON (P-IBE)

### QUANTATIVE APTITUDE ( 2018-19)

#### MODULE 1:

Arrangements: sitting arrangements, circular arrangements, floor arrangements , people sitting in a opposite directions ,find the shortest past, on which direction was facing ,if they rotate in clock wise or anti clock wise.

#### MODULE 2

Data sufficiency: comparison of 2 or more statements ,questions asked based on some all and no, relationship between one to another, visual relation ship between one element to another.

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VIKAS COLLEGE OF ENGINEERING&TECHNOLOGY

TRAINING FOR COLLABERA ( P-COLL)

QUANTATIVE APTITUDE ( 2019-20)

MODULE 1:

Arrangements: sitting arrangements, circular arrangements, floor arrangements , people sitting in a opposite directions ,find the shortest past, on which direction was facing ,if they rotate in clock wise or anti clock wise.

MODULE 2

Data sufficiency: comparison of 2 or more statements ,questions asked based on some all and no, relationship between one to another, visual relation ship between one element to another.

MODULE 3

Odd man out: questions asked based on work letter and number, ranking arrangement, sequence between the letters numbers and words, left to left, left to right, right to left and right to right

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Probability: Measures of Dispersion: Calculation of mean, median, mode of grouped and ungrouped data calculation of standard deviation, variance and mean deviation for grouped and ungrouped data. Probability: Probability of an event, addition and multiplication theorems of probability, Baye's theorem, probability distribution of a random vitiate, Bernoulli trials and Binomial distribution.

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# VIKAS COLLEGE OF ENGINEERING & TECHNOLOGY

## TRAINING FOR TCS( P- TCS)

### QUANTATIVE APTITUDE ( 2019-20)

#### MODULE 1

CODING AND DECODING: increment order or decrement order, reverse order, reverse increment or decrement, assign the letters to numbers, change the name to another name.

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Arithmetic – Geometric progression

  
Signature



VIKAS COLLEGE OF ENGINEERING&TECHNOLOGY

TRAINING FOR WINWIRE ( P -WIN)

QUANTATIVE APTITUDE ( 2019-20)

MODULE 1

CALENDAR: Find out the particular day in a year, odd days, leap year and non leap year, the same calendar repeats on ,angle between hour and minute, on what time both hands coincide or straight line ,right angle triangle or 30 deg 60 deg space a part.

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VIKAS COLLEGE OF ENGINEERING&TECHNOLOGY

TRAINING FOR IBM ( P- IBM)

QUANTATIVE APTITUDE ( 2019-20)

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VIKAS COLLEGE OF ENGINEERING&TECHNOLOGY

TRAINING FOR WIPRO(P-WIP)

QUANTATIVE APTITUDE ( 2019-20)

MODULE 1

Sequences and series:

Arithmetic and Geometric progressions, insertion of arithmetic, geometric means between two given numbers relation between A.M. and G.M. sum up-to n terms of special series:  $S_n$ ,  $S_{n^2}$ ,  $S_{n^3}$  Arithmetic – Geometric progression

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