GRE QUANT PRACTICE PAPER

Column A	Column B
Two students have to be chosen as monitors in a class of 36. In how many ways can this be done?	In how many ways can two students be chosen as monitors, one from the girls and another from the boys, from a class of 36 if there are 18 girls and 18 boys in the class?

- A.Quantity A is greater
- B.Quantity B is greater
- C.The quantities are equal
- D.The relationship cannot be determined from the information given

Column A	Column B
Find the total ways in which six objective type questions can be answered when each question has 5 choices	There are 5 multiple choice questions in an exam. How many sequences of answers are possible if the first question has 3 choices, next two have 4 choices and the last two have 5 choices?

- A.The quantity on the left is greater
- B.The quantity on the right is greater
- C.Both are equal
- D.The relationship cannot be determined without further information

Column A	Column B
How many three-digit numbers can be formed from the digits 1, 2, 4 and 9?	How many three-digit numbers can be formed without using the digits 0, 3,5,6,7 and 8?

- A.The quantity on the left is greater
- B.The quantity on the right is greater
- C.Both are equal
- D.The relationship cannot be determined without further information

Column A	Column B
In how many ways can a teacher give three duties A, B and C to three	Find the total ways in which three posts can

| different students who are equally capable of performing each job? | be filled by three candidates? |

- A.The quantity on the left is greater
- B.The quantity on the right is greater
- C.Both are equal
- D.The relationship cannot be determined without further information

Q. 5

Column A	Column B
In how many ways can 3 prizes be distributed among 5 boys if no boy can get more than one prize?	In how many ways can 5 prizes be distributed among the students of a school?

- A.The quantity on the left is greater
- B.The quantity on the right is greater
- C.Both are equal
- D.The relationship cannot be determined without further information

Q. 6

Column A	Column B
The letters of the word PROMISE have to be arranged so that no two vowels come together. Find the number of arrangements.	How many words can be formed from the letters I, N, U, R, E, V, L, A and S?

- A.The quantity on the left is greater
- B.The quantity on the right is greater
- C.Both are equal
- D.The relationship cannot be determined without further information

Q. 7

Column A	Column B
Sunita has to buy five pens of different companies. There are products of 8 companies available in the shop. In how many ways can she make her purchases?	Shelly has to buy four pens of different companies. There are products of 7 companies available in the shop. In how many ways can she make her purchases?

- A.The quantity on the left is greater
- B.The quantity on the right is greater
- C.Both are equal
- D.The relationship cannot be determined without further information

Q. 8

Column A	Column B
There are 5 buses running between two cities A and B. In how many ways can a man go by one bus and return by a different bus?	There are 5 buses running between two cities A and B. In how many ways can a man go by one bus and return by any of the five buses?

- A.The quantity on the left is greater
- B.The quantity on the right is greater
- C.Both are equal
- D.The relationship cannot be determined without further information

Q. 9

Column A	Column B
How many three digit odd numbers can be made from the digits 1, 4, 5, 6,7and 8 when any of the digits can be repeated?	How many three digit even numbers can be made from the digits 1, 4, 5, 6,7and 8 when any of the digits can be repeated?

- A.The quantity on the left is greater
- B.The quantity on the right is greater
- C.Both are equal
- D.The relationship cannot be determined without further information

Q. 10

Column A	Column B
How many two-digit even numbers can be formed using the digits 2, 3, 4 and 5 when repetition is allowed?	How many two-digit even numbers can be formed using the digits 2, 3, 4 and 5 when repetition is not allowed?

- A.The quantity on the left is greater
- B.The quantity on the right is greater
- C.Both are equal
- D.The relationship cannot be determined without further information

Q. 11

Column A	Column B
How many different words can be formed using the alphabets I, I, H, O, N and R?	Find the number of 4-letter words, with or without meanings that can be formed using the letters of the word NUMBER. Any letter can not appear more than once in a word.

- A.The quantity on the left is greater
- B.The quantity on the right is greater
- C.Both are equal
- D.The relationship cannot be determined without further information

Column A	Column B
How many numbers less than 1000 can be formed using the digits 0, 2, 3 and 4 when repetition is allowed and 0 can not be considered a one digit number?	How many three-digit numbers can be formed using the digits 1, 2, 3 and 4 when repetition is allowed?

- A.The quantity on the left is greater
- B.The quantity on the right is greater
- C.Both are equal
- D.The relationship cannot be determined without further information

Column A	Column B
20 students are participating in a drawing competition. In how many ways can the first three and two consolation prizes be given?	2 x 2 x 5 x 19 x 3 x 3 x 2 x 17 x 2 x 2 x 2 x 2

- A.The quantity on the left is greater
- B.The quantity on the right is greater
- C.Both are equal
- D.The relationship cannot be determined without further information

Column A	Column B
There are 5 items in column A and 5 items in column B. A student is asked to match the columns. How many possible answers can he give?	There are 6 items in column A and 6 items in column B. A student is asked to match the columns. How many possible wrong answers can he give?

- A.The quantity on the left is greater
- B.The quantity on the right is greater
- C.Both are equal
- D.The relationship cannot be determined without further information

Column A	Column B
From a class of 27 boys and 14 girls, the teacher wants to select 1 boy and 2 girls to represent the school in a function. In how many ways can she make the choice?	From a class of 27 boys and 14 girls, the teacher wants to select 2 boys and 1 girl to represent the school in a function. In how many ways can she make the choice?

- A.The quantity on the left is greater
- B.The quantity on the right is greater
- C.Both are equal
- D.The relationship cannot be determined without further information

Column A	Column B
A person wants to buy 1 fountain pen, 1 ball pen and 2 pencils from a shop where there are 10 fountain pen, 12 ball pen and 5 pencil varieties. How many choices can he have?	A person wants to buy 1 book, 1 note book and 2 pencils from a shop. How many choices can he have?

- A.The quantity on the left is greater
- B.The quantity on the right is greater
- C.Both are equal
- D.The relationship cannot be determined without further information

Column A	Column B
From A to B there are 3 different flights. From B to C there are 5. From C to D there are 2. How many routes are there for Sunita if she has to go from A to B, then to C and finally to D?	From B to A there are 3 different flights. From C to B there are 5. From D to C there are 2. How many routes are there for Shelly if she has to go from D to C, then to B and finally A?

- A.The quantity on the left is greater
- B.The quantity on the right is greater
- C.Both are equal
- D.The relationship cannot be determined without further information

Column A	Column B
Given 7 flags of different colours. How many different signals can be made using 3 flags at a time, one below the other?	Out of 7 children we have to make three stand one after the other. In how many ways can this be done?

- A.The quantity on the left is greater
- B.The quantity on the right is greater
- C.Both are equal
- D.The relationship cannot be determined without further information

Column A	Column B
How many boat parties of 8, consisting of 5 boys and 3 girls, can be made from 25 boys and 10 girls?	How many boat parties of 8, consisting of 5 boys and 3 girls, can be made from 10 boys and 25 girls?

- A.The quantity on the left is greater
- B.The quantity on the right is greater
- C.Both are equal
- D.The relationship cannot be determined without further information

Q. 20

Column A	Column B
In how many ways can a football team of 11 players be selected from 16 players including 2 particular players?	In how many ways can a football team of 11 players be selected from 16 players excluding 2 particular players?

- A.The quantity on the left is greater
- B.The quantity on the right is greater
- C.Both are equal
- D.The relationship cannot be determined without further information

Q. 21

Column A	Column B
A committee of 2 professors and 3 students has to be formed in a college. 10 professors have been short listed for this. In how many ways can this be done if a particular student has to be excluded?	A committee of 2 professors and 3 students has to be formed in a college. 10 professors have been short listed for this. In how many ways can this be done if a particular student has to be included?

- A.The quantity on the left is greater
- B.The quantity on the right is greater
- C.Both are equal
- D.The relationship cannot be determined without further information

Q. 22

Column A	Column B
There are two sections in a question paper. In the first section 3 questions have to be attempted out of 4 and in the second section 4 have to be attempted out of 5. In the second section the first two questions are compulsory. How many choices can a student make?	There are two sections in a question paper. In the first section 3 questions have to be attempted out of 4 and in the second section 4 have to be attempted out of 5. How many choices can a student make?

- A.The quantity on the left is greater
- B.The quantity on the right is greater
- C.Both are equal
- D.The relationship cannot be determined without further information

Column A	Column B
Using all the prime numbers less than 10 how many three-digit even numbers can be made if repetition is not allowed?	Using all the prime numbers less than 7 how many two-digit numbers can be made if repetition is not allowed?

- A.The quantity on the left is greater
- B.The quantity on the right is greater
- C.Both are equal
- D.The relationship cannot be determined without further information

Column A	Column B
Serial numbers for an item produced in a factory are to be made using two letters followed by four digits (0 to 9). If the letters are to be taken from 5 letters of English alphabet without repetition and the digits are also not to be repeated then how many serial numbers are possible?	Serial numbers for an item produced in a factory are to be made using four letters followed by two digits (0 to 9). If the letters are to be taken from 5 letters of English alphabet without repetition and the digits are also not to be repeated then how many serial numbers are possible?

- A.The quantity on the left is greater
- B.The quantity on the right is greater
- C.Both are equal
- D.The relationship cannot be determined without further information

Column A	Column B
From 8 boys and 8 girls in a party 3 boys and 3 girls have to be selected for a game. Find the number of different ways in which this can be done.	From 8 boys and 8 girls in a party 5 boys and 5 girls have to be selected for a game. Find the number of different ways in which this can be done.

- A.The quantity on the left is greater
- B.The quantity on the right is greater
- C.Both are equal
- D.The relationship cannot be determined without further information

Column A	Column B
Six points lie on a circle. How many chords can be drawn joining these points?	Six points lie on a circle. How many quadrilaterals can be drawn joining these points?

- A.The quantity on the left is greater
- B.The quantity on the right is greater
- C.Both are equal
- D.The relationship cannot be determined without further information

Q. 27

Column A	Column B
How many three digit numbers greater than 500 can be formed by using the digits 2, 3,4,5,6?	How many three digit numbers less than 500 can be formed by using the digits 2, 3,4,5,6?

- A.The quantity on the left is greater
- B.The quantity on the right is greater
- C.Both are equal
- D.The relationship cannot be determined without further information

Q. 28

Column A	Column B
In how many ways can an examinee answer a set of 8 true-false type questions?	In how many ways can an examinee answer a set of 5 objective type questions, each question having 3 choices?

- A.The quantity on the left is greater
- B.The quantity on the right is greater
- C.Both are equal
- D.The relationship cannot be determined without further information

Q. 29

Column A	Column B
Two students have to be chosen as monitors in a class of 36. In how many ways can this be done?	In how many ways can two students be chosen as monitors, one from the girls and another from the boys, from a class of 36 if there are 18 girls and 18 boys in the class?

- A.The quantity on the left is greater
- B.The quantity on the right is greater
- C.Both are equal
- D.The relationship cannot be determined without further information

Q. 30

Column A	Column B
Find the number of ways in which 6 boys and girls can be seated in a row so that no two girls may sit together.	Find the number of ways in which 5 boys and 3 girls can be seated in a row so that no two girls may sit together.

- A.The quantity on the left is greater
- B.The quantity on the right is greater
- C.Both are equal
- D.The relationship cannot be determined without further information