

# JOIN PAK ARMY PAK ARMY JOBS 2018

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**What is the qualification for second lieutenant in Pakistan?** Those aspiring to become Second Lieutenants can register only male candidates on the joinpakarmy.gov.pk website. To register, it's necessary to be a Pakistani citizen, have at least 55% marks in Intermediate education, be between 18-24 years old, and have a height of at least 5.4 feet.

### **How to get admission in Pakistan Military Academy?**

**What is the qualification for Pak Army?** Age limits vary with the level of education, ranging from 17 to 25 years. Applicants must meet physical standards including a minimum height of 5'4" (162.5 cm). Educational qualifications require a minimum of 55% marks in Intermediate or equivalent, with higher education garnering more age relaxation.

**What is the best age to join Pak Army?** The age limit has been set as between 17-23. The candidates must have at least 60% marks in English, Science, and Arts subjects to apply for the Pakistan Army. For AFNS, the applicant must have at least 60% marks in Matric (biology) or 50% marks in F.Sc Pre-Medical.

**How long do you have to be in the Army to be a second lieutenant?** Through Officer Candidate School (OCS), you're commissioned as an Army second lieutenant after completing a brief enlistment period and the 12-week course, but you'll still need to earn a four-year degree from an accredited university.

**Is 2nd Lieutenant a good rank?** Second lieutenant is a junior commissioned officer military rank in many armed forces. The lowest officer rank, it is usually placed below

lieutenant or first lieutenant.

**What is the salary of Pakistan Military Academy cadets?** Salary of a military cadet in Pakistan Military Academy I'd around Rs 40,000. However, most of it goes back to the government in the shape of cost of various dresses and equipment issued to them.

**How long is Pakistan Military Academy?** To become an officer, cadets undergo a rigorous two-year military training program. The Pakistan Military Academy (PMA) plays a crucial role in providing training to Gentlemen Cadets (Officer Cadets) from the Pakistan Army as well as from Allied countries.

**In which city is Pakistan Military Academy?** The major training institutions of Pakistan Army are: Pakistan Military Academy: Pakistan Military Academy also known as PMA Kakul, is a Pakistan Army Officers training school located in Kakul, Abbottabad , Khyber Pakhtunkhwa. The academy was established on 14 August 1947.

**What is the army's age limit?** Age limits Air Force: 17 - 42. Army: 17 - 35. Coast Guard: 17 - 41.

**What is the height requirement for Pak Army?** Cut-off heights for induction in the Pakistani Armed Forces are 157.48 cm for females and 162.56 cm for males, corresponding to CDC (scaled) percentiles of height 19.36 (25.86) for females and 2.72 (3.82) for males.

**How much weight is required for the Pak Army?**

**Is 50 too old to join the Army?** To join as a soldier, the upper age limit for enlistment is the day before the candidate's 43rd birthday. Rejoiners can still join as a soldier until their 52nd birthday, and as an officer (if they have previously commissioned) until their 57th birthday.

**Can a 25 year old join the Army?** Be a high school graduate with a diploma or possess a high school general education development transcript that reflects successful completion. Be at least 21 years old, but not more than 39 years old at time of selection (waiver authorized to age 45).

**Is 27 too late to join the Army?** Requirements to join the Army. Perform important day-to-day operations and ensure the success of your unit's mission. Requirements to join as an enlisted Soldier include: Be between 17 and 35 years old. Be medically and physically fit.

**Can you become an officer without a degree?** Being a U.S. citizen and having a four-year college degree or higher are the bare minimum requirements for officer school. Beyond that, the selection process is highly competitive across service branches.

**How fast do you rank up in the Army?** Junior Enlisted Army Ranks Privates (PVT), or E-1's, advance to Private 2nd Class (PV2), or E-2, after six months of service. While Private 2nd Class personnel typically attain the rank of Private First Class (PFC), or E-3, after reaching 12 months of service and four months in their grade.

**Which branch promotes the fastest?** Traditionally, among enlisted ranks, the Army and Marine Corps tend to promote the fastest in the early stages. In these two branches, members can often reach the rank of E-4 (Corporal in Marines, Specialist in Army) within a year or two of service.

**What is the salary of second lieutenant in Pakistan?** Basic Pay of a 2/Lt in Pak Army is Rs. 38,140. However after adding/ subtraction of miscellaneous allowances and deductions it will be somewhere Rs. 40,000.

**What is the average salary for a 2LT in the Army?** Total salary range for US Army Second Lieutenant The estimated total pay range for a Second Lieutenant at US Army is \$73K–\$122K per year, which includes base salary and additional pay. The average Second Lieutenant base salary at US Army is \$94K per year.

**Do 2nd lieutenants salute 1st lieutenant?** Salutes are not exchanged between enlisted members. Second lieutenants are required to salute first lieutenants. The “unwritten rule” that there is no rank amongst lieutenants does not follow military standards.

**What is the meaning of 2nd Lieutenant?** A second lieutenant is an officer of low rank in the army. [British] 2. countable noun. A second lieutenant is an officer in the

army, air force, or marines who ranks directly below a first lieutenant.

**What is the difference between a first lieutenant and a second lieutenant?** In the army, a junior lieutenant is a second lieutenant, usually a newly commissioned young officer. A first lieutenant is the more senior rank in the army; it was formerly used in the navy to identify the second in command of a ship.

**Can a second lieutenant be a pilot?** On your way to becoming a pilot, you will spend between two and a half and three and a half years in training before you are qualified to fly an aircraft operationally. All of this training will occur after you have commissioned as a Second Lieutenant in the Air Force.

**What is Cadet 2nd Lieutenant?** The grade of Cadet Second Lieutenant (C/2d Lt) is the first cadet officer grade of the Civil Air Patrol cadet program, and second milestone award (after Cadet Staff Sergeant).

### **Satellite Communications by Dennis Roddy: Common Questions and Answers**

Dennis Roddy's "Satellite Communications," 4th edition, is the definitive textbook on the subject. Here are five common questions and answers about the book:

#### **Paragraph 1:**

- **What are the key concepts covered in the book?**

The book provides a comprehensive overview of satellite communications, including satellite fundamentals, orbits and launch vehicles, antennas and propagation, signals and systems, and applications.

#### **Paragraph 2:**

- **What is the target audience for the book?**

The book is designed for students pursuing undergraduate or graduate degrees in electrical engineering, telecommunications, or related fields, as well as professionals in the industry.

#### **Paragraph 3:**

- **What are the differences between the 4th and previous editions?**

The 4th edition features updated content on emerging satellite technologies, such as millimeter wave and high-throughput satellites, as well as new chapters on software-defined satellites and nanosatellites.

#### **Paragraph 4:**

- **What are the benefits of using the book as a teaching resource?**

The book is well-organized and packed with detailed explanations, diagrams, and examples. It also includes extensive exercises, end-of-chapter questions, and a glossary to facilitate student learning.

#### **Paragraph 5:**

- **How can professionals benefit from reading the book?**

Professionals in satellite communications can gain insights into the latest developments and best practices in the field. The book provides a comprehensive reference for system design, troubleshooting, and future trends.

**What is the technical analysis of stock trend?** Technical analysis attempts to predict future price movements, providing traders with the information needed to make a profit. Traders apply technical analysis tools to charts in order to identify entry and exit points for potential trades.

**What is the Magee evaluative index?** The Magee Evaluative Index was developed by Magee to aid in calling turns in the market. Here is how it works: Magee observed that when 80 percent of stocks were strong there was a good chance of a turnaround so a sell was indicated. When 8% of stocks were strong a buy was indicated.

**What is the best technical analysis for stocks?**

**How accurate is technical analysis in stock market?** Methods vary greatly, and different technical analysts can sometimes make contradictory predictions from the same data. Many investors claim that they experience positive returns, but academic appraisals often find that it has little predictive power.

**What is a magee score?** It is a quantitative reverse transcription polymerase chain reaction based assay, used to estimate the risk of distant recurrence for patients with ER positive, lymph node negative breast cancers. It is reported as a numerical score (recurrence score or RS) ranging from 0-100.

**What is the difference between DiSC and pi?** Predictive Index vs DiSC — which behavioral tool performs better? The Predictive Index is all about understanding and adapting behaviors to predict the performance of the players on your team, while DiSC hones in on enhancing communication.

**What is the Hirsch index value?** h-index = the number of publications with a citation number greater than or equal to h. For example, 15 publications cited 15 times or more, is a h-index of 15. Read more about the h-index, first proposed by J.E. Hirsch, as An index to quantify an individual's scientific research output.

**What is the difference between linear programming and nonlinear programming?** - Linear programming involves linear relationships, while nonlinear programming involves nonlinear. - Linear programming aims to maximize or minimize, nonlinear programming deals with complexities. - Linear programming uses linear objective functions and constraints.

**How to solve non-linear programming?** The least complex method for solving nonlinear programming problems is referred to as substitution. This method is restricted to models that contain only equality constraints, and typically only one of these. The method involves solving the constraint equation for one variable in terms of another.

**What is a linear programming solver?** Linear programming (LP), also called linear optimization, is a method to achieve the best outcome (such as maximum profit or lowest cost) in a mathematical model whose requirements and objective are represented by linear relationships.

**What is the opposite of linear programming?** In mathematics, nonlinear programming (NLP) is the process of solving an optimization problem where some of the constraints are not linear equalities or the objective function is not a linear function.

**Is linear programming easy or hard?** Considerations of subjectivity aside, linear programming is likely one of the easiest topics to learn since linear structures are, relatively speaking, straightforward to contend with. A next step up in generality is convex optimization, of which linear programming is a particular case.

**Which is better linear or nonlinear?** Conclusion: Making the Best Model Choice  
Linear regression is simpler and easier to implement, but may not fit complex nonlinear relationships effectively. Nonlinear models can better capture intricate data patterns but are more complex.

**How do you manually solve linear programming?**

**What is an example of linear programming in real life?** Linear programming is used in business and industry in production planning, transportation and routing, and various types of scheduling. Airlines use linear programs to schedule their flights, taking into account both scheduling aircraft and scheduling staff.

**What are the 3 methods in solving system of nonlinear equations?** These methods include: Newton's method, Broyden's method, and the Finite Difference method. where  $x_i \approx x$  (as  $i \rightarrow \infty$ ), and  $x$  is the approximation to a root of the function  $f(x)$ .

**What is a linear programming problem in simple words?** The Linear Programming Problems (LPP) is a problem that is concerned with finding the optimal value of the given linear function. The optimal value can be either maximum value or minimum value. Here, the given linear function is considered an objective function.

**What is linear programming for dummies?** Linear programming (LP) is also called linear optimization and is a method for finding the maximum or minimum value of a function called the objective function. The objective function is constrained by some bounds, also called constraints.

**What is the simplest method of linear programming?** simplex method, standard technique in linear programming for solving an optimization problem, typically one involving a function and several constraints expressed as inequalities. The inequalities define a polygonal region, and the solution is typically at one of the vertices.

## **What are the 5 types of linear programming problems?**

**What is linear programming in layman terms?** Linear programming or Linear optimization is a technique that helps us to find the optimum solution for a given problem, an optimum solution is a solution that is the best possible outcome of a given particular problem. In simple terms, it is the method to find out how to do something in the best possible way.

**What is an example of a nonlinear programming problem?** For example, if  $x$  contains the components  $x_1$  and  $x_2$ , then the function  $3 + 2x_1 + 7x_2$  is linear, whereas the functions  $(x_1)^3 + 2x_2$  and  $3x_1 + 2x_1x_2 + x_2$  are nonlinear.

**Is linear programming P or NP?** On the other hand, since the early seventies when the classes P and NP were defined, it was observed that linear programming is in NP? co-NP although no polynomial-time algorithm was known at that time. The first polynomial-time algorithm, the ellipsoid algorithm, was only discovered at the end of the seventies.

**Is linear algebra worse than calculus?** It is difficult to determine which subject is harder as it depends on an individual's strengths and weaknesses. However, linear algebra involves abstract concepts and requires strong analytical skills, while calculus involves more concrete applications and requires strong mathematical reasoning.

**Which software is used for linear programming?** You can use MATLAB® to implement the following commonly used algorithms to solve linear programming problems: Interior point: Uses a primal-dual predictor-corrector algorithm and is especially useful for large-scale linear programs that have structure or can be defined using sparse matrices.

**Is time actually linear?** Time is linear here in the 3rd dimension. In higher dimensions, not so much. In other words, our perception of time in our current level of consciousness is that it only runs in one direction and for all practical purposes it runs at a constant rate.

**How do you tell if a problem is linear or nonlinear?** When dealing with functions, what is linear and nonlinear? The easiest way to know if a function is linear or not is



to look at its graph. A linear function forms a straight line when it is plotted on a graph. A nonlinear function does not form a straight line: it is curved in some way.

**How to tell if data is linear?** One way to check the linearity is to plot the target versus the predictors for each of the predictors in the dataset. If the plot shows a distinct trend, you can conclude that there is some amount of linearity between the two variables. When the plot shows a different pattern, the relation is not linear.

**What is the main difference between linear and nonlinear?** A linear equation forms a straight line on the graph. A nonlinear equation forms a curve on the graph. Where  $x$  and  $y$  are the variables,  $m$  is the slope of the line and  $c$  is a constant value.

**What is the difference between linear and nonlinear process?** While non-linear processes cannot be managed to the same degree of precision as linear processes they can be managed heuristically, i.e. managed so as to move in a general direction. The key is adaptability. The processes have to be able to adapt to unexpected conditions.

**What is the difference between linear and non linear computing?** When dealing with functions, what is linear and nonlinear? The easiest way to know if a function is linear or not is to look at its graph. A linear function forms a straight line when it is plotted on a graph. A nonlinear function does not form a straight line: it is curved in some way.

**What is the difference between linear system and nonlinear system?** linear systems follow a predictable path while nonlinear systems display complex behaviors that Surpass simple, predictable patterns especially when pushed beyond certain limits, as seen in phenomena like saturation in DC machine magnetization curves.

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