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Afcat 2019 syllabus

The AFCAT 2019 exam took place on 16 and 17 February 2019. The exam will open the gate to enter the Air Force field. The job offers not only a difficult career, but also a handsome salary. Work has many prospects to delight. From 1 December 2018 to 30 December 2018, many students applied for these positions.

CDS (I) 2019: The Indian Air Force (IAF) Eligibility, Design and Curriculum Commission awards two committees to candidates. One is the Standing Committee (PC) and the other is the Short Service Commission (SSC). The Standing Committee (PC) is male-only, while the Short Service Commission (SSC) is for both men and women. In the Standing Committee (MS), candidates are used to reach the age of life, while in the Short Service Commission (SSC) candidates serve for 14 years in the Flying Department from the date of launch; and for 10 years in ground duty (Tech and Non-Tech). See the table below: The type of commission that can serve positions offered the duration of the standing committee service of the Men and Women Flying Branch, Ground Duty (Tech and Non-Tech) for Men, While Education and Branch Bills for Women to Retire Short Service Commission Males and Females Flying Branch 14 Years (Non Extendable) Ground Duty (Tech and Non-Tech) 10 Years (Extendable) Top 10 Books for CDS (I) 2019 AFCAT Exam 2019: Eligibility Conditions (a) Nationality: Candidate Must Be an Indian Citizen. (b) Age: (i) Flying Branch: from 20 to 24 years from 01 January 2020, i.e. The upper age limit for candidates holding a valid and up-to-date commercial pilot's licence issued by the DGCA (India) may be swept up to 26 years, i.e. (ii) Ground Duty (Technical & Non-Technical) Branch: from 20 to 26 years from 01 January 2020, i.e. (c) Marital status: Candidates under 25 must be unmarried at the time of commencement. Widows/Widowers and divorcees (with or without burdens) under the age of 25 are not eligible. A candidate who marries after the date of application, although successful in SSB or medical, will not be eligible for training. A candidate who marries during the training period shall be dismissed and shall be obliged to reimburse all expenses incurred on him by the government. Married candidates over the age of 25 are eligible to apply, but during the training period they will not be married or allowed to live with their family. 7 Smart Tips to Crack CDS (I) 2019 (d) Educational Qualifications: (i) Flying Branch: Candidates must re-qualify with at least 60% of math and physics grades at level 10+2 and complete any discipline from a recognized University of 60% of characters or equivalent or be/b. tech. degree (four-year course) from a recognized University with at least 60% of grades or mathematics or candidates who settled sections A & B associate exam membership of an institution of engineers (India) or Aeronautical Society of India with a recognized University with at least 60% grades or equivalent (ii) Ground Duty (Technical) Branch: Candidates with at least 60% points each in physics and mathematics in level 10+2 and at least four years of graduate/integrated qualification after graduation study in engineering/technology from a recognized University or cleared sections A and B of the Associate Membership of Institution of Engineers (India) exam or Aeronautical Society of India or graduate of a membership exam of the Institution of Electronics and Telecommunications Engineers by actual testing with at least 60% marks or equivalent (iii) Ground Duty (Non-Technical Branch) : Graduate (at least three years' course of study) in any discipline from a recognized university with at least 60% of grades or equivalent. Crack CDS in 60 days (iv) NCC Special Entry (Flying Branch): NCC Air Wing Senior Division C certificate acquired on or after 01 Jan 2017 is mandatory. Candidates must pass a minimum of 60% of the grades in mathematics and physics in 10 +2. Graduates with a minimum of three years of study in any discipline from a recognized University with a minimum of 60% points or equivalent. OR BE/B. Tech. a degree (four-year course) from a recognized University with at least 60% grades or equivalent OR candidates who settled an A&B associate membership of the Institution of Engineers (India) study with at least 60% or equivalent grades. AFCAT Exam 2019: The selection process and pattern of the AFCAT Exam is held twice a year. The online exam is conducted by the Indian Air Force. This year, the exam is scheduled for February 16 and 17, 2019. Here is the AFCAT selection process: Stage 1: AFCAT Written exam for non-technical candidates; and AFCAT+EKT for technical candidates. Stage 2: Interview with AFSB. Step 3: Medical tests. For all AFCAT candidates, it is mandatory to appear in a written test. In addition, candidates who have applied for technical positions must appear in the Engineering Knowledge Test (EKT). See the table below: Exam Subject No. question marks Duration AFCAT General English language awareness numerical skills reasoning and military skill test 100 300 2 Hours EKT (for technical department) Mechanical Electrical Informatics & Electronics 50 150 45 Minutes Questions will be objective type, and the language of the questions will be English only for AFCAT and EKT. This exam has a negative signage provision. For each wrong answer, one character will be taken as punishment. Under no circumstances is a squead allowed. Salary and promotion in Air Force AFCAT Exam 2019: Curriculum In the written AFCAT exam, there will be questions in mathematics, GK, reasoning, English and military skills. The standard of mathematics will be at the baccalaureate level. The standard of other subjects will be the graduation level of Indian universities. Here is the AFCAT exam program: Syllabus English: Description of the error of understanding Detection sentence Completion / Filling the correct word Synonyms, Antonyms and Vocabulary Idioms and Phrases Syllabus Mathematics: Decimal and Fractional Time and Work Average Profit Rate & Loss Percentage & Proportion Simple Interest & Compound Interest Time & Distance (Trains /Boats & Streams) GK Curriculum: History Geography Civics and Polity Current Affairs Environment Basic Science Defence Art & Culture Sports Syllabus of Reasoning and Military Aptitude: Odd One Out Analogy Coding and Decoding Figure Classification Spotting the Embedded Figures Pattern Completion Dot Situation Analysis Sequencing Venn Blood Relation Missing Figures Now, candidates are aware of the eligibility, design and curriculum of the AFCAT 2019 exam. They should start preparing for the exam as soon as there is not much time left for the exam. Dedicated efforts and relevant guidance will help students succeed in the AFCAT exam. Airmen Group X and Y: Eligibility, exam model and afcat exam model 2021 and complete curriculum In order to prepare the exam, the candidate should first go through the exam model. By passing the exam model, the candidate will receive an estimate of the marking criteria. Duration: 02 hours Number of questions: 100 Marking criteria: +3 for each correct answer Negative designation: -1 for each incorrect answer Number of sections: 4 (verbal ability, Numerical skills, General Awareness and Reasoning and Military Skills) Test Mode: Online AFCAT 2021 Afcat Syllabus AFCAT 2021 Paper 4 Sections General Verbal Awareness Verbal Capacity Reasoning Numerical Skills & Military Skills AFCAT Syllabus for General Consciousness: History, Sports, Geography, Environment, Civics, Basic Science, Defense, Art, Culture, Current Affairs, Politics, etc. AFCAT curriculum for verbal abilities in English: understanding, error detection, sentence completion, synonyms, antonyms and vocabulary testing. Numeric ability – decimal, simplification, average, profit & loss, percentage, ratio & ratio, and simple interest. Reasoning and test of military skills - verbal skills and spatial abilities. Curriculum Diagram (EKT 2020): Engineering Knowledge Test (EKT) is a study designed to test the basic engineering knowledge required for the technical industry. The technical branch includes an Aerospace Engineering course (Electrical and Mechanical). This study is broken down at the engineering level before- last year and last year. A total of 75 objective type questions will be asked during the exam and duration is 01 hours. The test model shall comprise two parts – 1. General (40 questions) – Modern physics, chemistry, mathematics, computers, electrical engineering, electronics, mechanical engineering and 2. Specialist paper for each engineering discipline (35 questions) – Computer and Electronics, Mechanics, Electronics and Communications Engineering, Electrical Engineering and Instrumentation and Aerospace Engineering (Mechanical) AFCAT EKT Exam 2021 All candidates whose online applications have been successfully submitted will be called upon to the Air Force Pre-Entry Test (AFCAT) and engineering knowledge test (EKT) (applies only to candidates applying for a technical unit). EKT will be for 45 minutes and carried out immediately after AFCAT. The duration of the AFCAT 2020 exam will be 2 hours and the EKT exam will last 45 minutes. Candidates who clear the AFCAT 2019 exam will be called upon to continue the SSB interview process, which is also known as the AFSB interview. AFSB stands for air force selection board, which are located in Mysore, Dehradun, Varanasi and Gandhinagar. How and what is required in the AFKAT EKT selection process will be based on the result in the Engineering Knowledge Test (EKT) (applies only to technical positions) & Air Force Common Admission Test 2019. Once AFCAT & EKT is qualified, challengers will be invited for medical tests, intelligence test, group test, psychological test and intelligence test organized by air force selection boards (AFSBs). All Flying Branch applicants should attempt the Computerised Pilot Selection System (CPSS), the aptitude battery test remote control (PABT). The AFCAT exam will last two hours and will include multiple choice questions on verbal ability, numerical abilities, reasoning, general awareness and military skills. Candidates who opted for a ground (technical) squad to pass both AFCAT and EKT. Candidates who are on the shortlist under AFCAT/EKT will be called upon for further research. The tests would consist of three stages listed below: - Stage-I- Test consisting of an intelligence test, Stage-II- Tests consisting of psychological tests, group and intelligence tests and for a flying branch, a computerized pilot selection system (CPSS) would be given to

eligible candidates. The training is expected to start in the first week of January 2018 for all courses. The training time for flying and ground service (technical) departments is 74 weeks and ground (non-technical) units are 52 weeks. One common test of 100 questions is to be resolved by all candidates within 2 hours. Candidates for the technical department have an additional ECT test, both tests are objective. The winners have a chance to appear in the AFSB, and recommended candidates can be called upon to train based on their rank on the merit list and subject to medical condition. The IAF will conduct an offline AFCAT written test. The questions contained in the question afcat document, contains 300 characters. it will have four sections in which each section contains questions from different topics. Each question has 04 options, including select one correct answer. Each question has 03 characters, and each wrong answer is 1/3 or 1 character. The total duration is 02 hours (120 minutes). The IAF will conduct an offline ECT written test. The ECT will be for 45 minutes and conducted immediately after the AFCAT exam on the same day. Engineering knowledge test curriculum Here you can get a detailed theme of the wise ECT curriculum with exam pattern. Rivals can take advantage of the provided content for their practice and try to get the best grades in passing the exam. ECT SYLLABUS FOR IT ENGINEERING: Fundamental Engineering: Mathematical Engineering, Engineering Physics, Engineering Drawing. Specialization Industries Topics: Analogy and Digital Electronics, Electronic Devices, Computer Networks, Network Theory Design, Switching Theory, Computer Science. Allied Engineering: Electrical Engineering, Control Engineering, . Telecommunication systems, microwave engineering, antenna and wave reproduction, radar theory, instrumentation. EKT SYLLABUS FOR ELECTRICAL AND ELECTRONIC ENGINEERING: Fundamental Engineering: Mathematical Engineering, Engineering Physics, Engineering Drawing. Specialization Industries Topics: Analog and Digital Electronics, Electrical Engineering, Electronic Devices, Control Engineering, Telecommunication Systems, Microwave Engineering, Antenna and Wave Propagation. Allied Engineering Topics: Instrumentation, Computer Networks, Network Theory Design, Switching Theory, Computer Science, Radar Theory, SYLLABUS ECT FOR MECHANICAL ENGINEERING: Fundamental Engineering: Engineering Mathematics, Engineering Physics, Engineering Graphics/Engineering Drawing. Specialization Department Topics: Engineering Mechanics, Thermodynamics, Machine Theory, Fluid Mechanics/ Hydraulic Machines, Production Science, Materials Science, Machine Drawing. Allied Engineering: Automotive Engineering, Power Plant Engineering, Industrial Engineering, Flight Mechanics, Aircraft Structures, Aerodynamics. AFCAT test centres: Ambala, Amritsar, Allahabad, Agra, Ahmedabad, Barnala, Bathinda, Bengaluru, Belgaum, Bidar, Bagdogra, Bareilly, Chandigarh, Chabua, Chennai, Dehradun, Delhi, Darbhanga, Gorakhpur, Gwalior, Guwahati, Halwara, Hashimara, Hyderabad, Imphal, Jaland, Jammu, Jorhat, Jaipur, Jamnagar, Jodhpur, Kanpur, Kolkata, Kalaikunda(Kharagpur), Kochi, Leh, Lucknow, Mumbai, Mohanbari, Mysore, Nal (Bikaner), Nagpur, Ojhar (Nasik), Pathankot, Patna, Pune, Port Blair, Salua (Kharagpur), Srinagar, Suratgarh, Sirsa, Saharanpur, Shillong, Silchar, Sulur (Coimbatore), Thane, Tezpur, Thanjavur, Thiruvananthapuram, Vadodara, Varanasi. EXAMPLES OF QUESTIONS for full awareness of a rival Read the passage below carefully and answer the questions given below. Awareness of equal corruption will be a better emotional basis for the so-called multiracial community, much of which is being done than its professed principle of pursuing common goals in world politics, which are so thinning that a large amount of artificial political oxygen is needed to maintain the breathing of body-politics. After all, it cannot be denied that even the United States and the Soviet Union pursue common goals in world affairs, such as peace, disarmament, democracy, technological progress, and the freedom understood by each of them. But this does not prevent them from doing things that can lead to the destruction or near destruction of humanity. Therefore, common objectives appear to be very unmatched as guarantees of goodwill and cooperation between peoples. On the contrary, a sincere admission of being equal sinners would at least encourage love and discourage moral arrogance. This would be a better basis for integrating international and multiracial cooperation. Q1. The Republic is characterized by a) the failure of voters to work towards the same goals b) the racial nature of its membership c) the uniform absence of moral norms d) the constant redefinition of the goals of Q.2 Superpowers may claim to have the same commendable goals, but these (a) do not act zealously to achieve them (b) undo their efforts c) continue to act against the interests of humanity (d) they do not see them in the right perspective Q3. Common goals are desirable, but these a) do not provide international cooperation b) lead to unnecessary tensions c) encourage competition between superpowers (d) lead to the destruction of humanity Q4. International cooperation can occur if (a) nations learn of their own shortcomings and reject (b) charities are encouraged (c) different races are treated on the basis of equality (d) nations guilty of immoral actions are exposed Q5. The idea behind the author's argument is that a) the Republic has survived its usefulness (b) membership in the Republic is limited to superpowers (c) members are equally responsible for the current state of world policy (d) international peace and cooperation are unattainable. In each of the following questions, find out which part of the sentence has an error. If there is no error, the answer :d) No error. Q1 He counted me (a)/one hundred rupees for five tens (b) / medium quality oranges (c). No error (d). Q2. Raju and his friend (a) were going to see the photo (b) / when they met his mutual friend (c). No error (d). (a) (b) (c) (d) Q3. Until you come (a)/ to class regularly (b)/no (c). No error (d) (a) (b) (d) Q4. My father is (a)/ in a bad mood (b)/ today(c). No error (d) (a) (b) (d) Q5. If I were you (a)/ I would not have (b)/ made this mistake (c). No error (d). a) b) c) d) Choose the most effective word from the given words to fill in the blank box so that the sentence is meaningfully complete. Q1. Everyone was _____ surprised when she announced her plan to marry this man. She always insisted on the need for _____ between ends and means. analysis (b) specifies (c) (d) distinguish between the third quarter and the third quarter. He _____ think he'll come. a) request b) said c) admitted d) called Q4. He had good _____ over ancient languages, too. (b) knowledge (c) command (d) Q5 expertise. There were _____ bees around the man's head. crowd b) group c) herd (d) sword In each of the following choose the word most similar in meaning to the word given in the capitals. Q1. Delay of phalanc (b) reduction of c) wave d) floods In Q2 MyOPIC blind (b) astigmatic c) cross(d) myopic Q3. ERUDITE strong (b) valuable (c) learned (d) polite choose a word that is most almost inverse in the sense to the words given in the capitals. Q1. RELINQUISH a) accept b) keep c) strengthen d) revive Q2. STORMY cloudy (b) violent (c) solid (d) turgid Q3. ERRATIC regular (b) right (c) free (d) quick Select the correct answer. General Consciousness Q.1 Name of the first person who went into space (a) Yuri Gangarin (b) Neil Armstrong (c) Rakesh Sharma (d) John Glenn Q2. The first Indian to win an Olympic medal is: (a) PT Usha (b) Shiny Abraham (c) Dala Banerjee (d) Karram Malleswari Q3. The cricketer who scored his first double century in a one-day cricket match is- (a) Vivian Richards (b) Brain Lara (c) Ricky Ponting (d) Sachin Tendulkar Q4. Lionel Messi is associated with the game: a) Rugby (b) Tennis (c) Football (d) Basketball Q5. The instrument for measuring the intensity of earthquakes is called- a)Eidiograph (b) Pantagraph (c) Ergograph (d) Numerical Seistograph Ability Q1. After simplification (2.43 x 2.43 + 2.43 x7.57 x 2 + 7.57 x 7.57) is equal to- 10 (b) 100 (c) 101.89 (d) 200.59 Q2. The sum of ' 6.25 consists of 80 coins that are either ten paise and five paise. The number of five paise coins are- Q3. Three years ago, the average age of A&B was 18. With C joining them now, the average age becomes 22 years. How old is he? 24 years (b) 27 years (c) 28 years (d) 30 years Q4. The average age of 8 men is increased by 2 years when two of them, aged 21 years and 23, are replaced by two new men. The average age of two new men is- (a) 22 years (b) 24 years (c) 28 years (d) 30 years Q5. Amit sold the umbrella for ' 680, losing 15%. The cost of an umbrella is- ' 782 (b) ' 800 (c) ' 578 (d) None of these reasoning and aptitude tests it is a test of the ability to understand words. For each question in the test, there are four possible answers: A, B, C, or D. For each question, there is only one correct answer. Read each question carefully and decide which of the four answers is best. Select your answer on the answer sheet by blanking the letter that corresponds to your choice. Now let's look at the following sample questions: Q1. MAN is to BOY as WOMAN is to BABY (B) BRIDE (C) CHILD (D) GIRL Answer - D Q2. WATER is thirsty as food is to hunger (B) GRIEF (C) HUNGER (D) INDIVIDUAL TION S Answer - C In these questions, choose a word from four alternatives (1), (2), (3) (4), which is the most almost in the sense of the word in capital letters. Q1. Apathy of disgust (2) Violence (3) Disgust (4) Multiplied analogy The following questions are followed by a pair of words in the big sixteen followed by four options marked A, B, C, D. Select a few words whose relationship is most similar to that expressed by the capitalized pair, and select your choice on the answer sheet. Q1. COLD : HOT Handsome: young B beautiful: ugly C summer: spring D complete: total response - B Spatial ability This is a test of the ability to recognize a mold from its pattern, or a pattern from its form. Now take a look at the following sample questions. There is a problem to find a form that can be done by folding a cardboard pattern and fit it together. Response - The last rotated blocks This subtest is designed to test the ability to visualize and manipulate objects in space. In each question, you'll see a picture of the block. On the right side of the block in the photo there are five options, each of which shows a different block. You need to choose a selection containing a block that is similar to the block in the photo on the left, although twisted in a different position. To get the correct answer, you may need to mentally flip the blocks, flip them over or rotate them both over and over again. The correct answer is D. HIDDEN DATA This test is designed to measure the ability to see simple numbers in complex drawings. Although these numbers are fairly well camouflaged, proper visualization should allow them to be recognized without much difficulty. At the top of each section of this subtest there are five digits with the letters A, B, C, D and E. Specify which digit is included in each numbered drawing. The correct answer is (B). Q1 troubleshooting. What number should appear next in the sequence? 3 6 12 24 48 Response = 96 (progressions are doubling each time) Q2. Empty is full how wet is it? a. moist b. soaked c. dry d. water e. rain Answer = c. dry Rotated blocks In the Block Rotation subtest you will see blocks of different shapes, with cubes, cylinders and other objects on them. The following examples show six images. The image in the upper left corner shows the model block. One of the five images marked A through E also shows a model block but rotated in space. The remaining images represent a different block, rotated to different positions in space. Your task is to choose from images marked from A to E image, which shows the model block rotated in space. Spots.

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