

MECHANICAL ENGINEERING

Paper I

Time Allowed : Three Hours

Maximum Marks : 300

Question Paper Specific Instructions

Please read each of the following instructions carefully before attempting questions :

*There are **EIGHT** questions divided in **TWO** sections.*

*Candidate has to attempt **FIVE** questions in all.*

*Questions No. 1 and 5 are **compulsory** and out of the remaining, any **THREE** are to be attempted choosing at least **ONE** question from each section.*

The number of marks carried by a question / part is indicated against it.

Wherever any assumptions are made for answering a question, they must be clearly indicated.

Diagrams / Figures, wherever required, shall be drawn in the space provide for answering the question itself.

Unless otherwise mentioned, symbols and notations carry their usual standard meanings.

Psychrometric Chart is given on Page No. 8.

Attempts of questions shall be counted in sequential order. Unless struck off, attempt of a question shall be counted even if attempted partly.

Any page or portion of the page left blank in the Question-cum-Answer Booklet must be clearly struck off.

*Answers must be written in **ENGLISH** only.*

Upsc Mechanical Engineering Question Paper

Dr. R.K. Bansal



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UPSC-ESE-Engineering Services Stage-I (Preliminary/Stage-I) Exam eBook PDF Chandresh Agrawal,nandini books,2025-04-25 SGN The eBook UPSC ESE Engineering Services Stage I Preliminary Stage I Exam Covers Mechanical Engineering Subject Objective Questions With Answers *UPSC CSAT Prelims Exam Paper - 2 | 1000+ Solved Objective Questions (10 Mock Tests + 3 Previous Year Papers)* EduGorilla Prep Experts,2022-08-03 Best Selling Book in English Edition for UPSC CSAT Prelims Exam Paper 2 with objective type questions as per the latest syllabus given by the UPSC Compare your performance with other students using Smart Answer Sheets in EduGorilla s UPSC CSAT Prelims Exam Paper 2 Practice Kit UPSC CSAT Prelims Exam Paper 2 Preparation Kit comes with 13 Tests 10 Mock Tests 3 Previous Year Papers with the best quality content Increase your chances of selection by 14X UPSC CSAT Prelims Exam Paper 2 Prep Kit comes with well structured and 100% detailed solutions for all the questions Clear exam with good grades using thoroughly Researched Content by experts **Crack UPSC in First Attempt Civil Services Exam IAS/IPS/IFS** K. Kohli ,2024-05-08 In the hustle to make career that is regulated by society most give up on their dreams and passions But for K Kohli writing was a compulsion not a choice That s how passion manifests It s like the mountain course of the river that forces its way through the roughest of the terrains Born in Delhi graduated from St Stephens College University of Delhi He is an inspirational speaker who motivates young people to pursue careers in civil services and community development He continues to be an exemplary figure demonstrating how individuals can make a profound impact on their communities through dedication hard work and a deep sense of social responsibility The Civil Services have risen in social reckoning as a career due to its significant role in bringing government s policies to the people and making development possible on ground like a rainmaker Qualifying for the Civil Services is also considered as a mark of talent and success given that it requires passing through a multi stage rigorous system of examination and interview Apart from job security and satisfaction the services provide ample opportunities and challenges to prove one s mettle and also to contribute and give back to society In India the Civil Service is defined as appointive positions by the Government in connection with the affairs of the Union and includes a civilian in a Defence Service except positions in the Indian Armed Forces This exam is not for people who believe in shortcuts who are impatient and casual It seeks such people who believe in rigorous study Only the candidates who are thoroughly organised disciplined and determined can taste it s success ultimately the country needs officers equipped with these qualities If those candidates who have a profusion of the aforesaid qualities get the right guidance then they can definitely crack the IAS exam This book has been prepared for such deserving and appropriate candidates We are not just hopeful but have complete faith that his book will definitely work as a useful guidance in making the honest and strong willed candidates as IAS Move forward with Heart within and God overhead Connect at kohlifoundationindia@gmail.com

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making problem solving fun to candidates of diverse backgrounds Keeping the whole coverage of the book in accordance with the syllabus and pattern of the exam it will act as a standard reference and preparation material for all the needs of aspirants of CSAT Preparation material is in line with the analysis of Previous Years Exams Papers which will help aspirants know the trend of the questions and the difficulty level of the same It s a Complete guide for those aspirants who wants to start their UPSC Civil Services preparation but don t know how to start and where to start from **Mechanical**

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and details of the bills and acts that were passed in 2016 Policies Schemes Provides features and details of the policies and schemes that were launched in 2016 Top 500 covering the Top 500 People Events Ideas and Issues that raised their head in 2016 10 Analytical Articles capturing the hottest of the issues of 2016 Coming Up 2017 capturing the events to come and what to expect in 2017 Emerging Trends features the most significant news that captured the attention of people Cause Effects illustrates the causes and effects of the various things that occurred in 2016 Unanswered Questions However we may explore but there are always certain questions that remain unanswered This sections lists various such questions of the year 2016

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