ENGINEERING DRAWING INTERVIEW QUESTION AND ANSWERS

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What are the important questions in engineering drawing?

What are the Viva questions asked in engineering drawing?

What is engineering drawing in short answer? In addition to the views of the object, an engineering drawing includes technical information about a design, including necessary materials, product specifications and dimensions. The data within a technical drawing may also include administrative notes about the company, project completion dates and project revisions.

What are the 4 views of engineering drawing?

What are the five major lines used in engineering drawing?

What are the major two standards used in engineering drawing? Standardization and disambiguation One major set of engineering drawing standards is ASME Y14. 5 and Y14.

What are 3 reasons engineers use drawings?

What is the most important part of an engineering drawing? On every engineering drawing, there are a few must-haves, including: Dimensions and tolerances: Include any dimensions and tolerances that are necessary for producing the part in your drawing. For CNC parts, it is customary to include all of the part's dimensions in the drawing.

What are two types of drawings used in engineering?

What is the thickness of lines in engineering drawing? Each line should have one of the two thicknesses, thick or thin, and the ratio of the thicknesses must be not less than 2:1. In many textbooks (especially, of the US authors) you will come across the thicknesses of lines: 0.3 mm and 0.6 mm. In general cases it is good enough in practical work.

What is engineering drawing basics? An engineering drawing provides details such as first angle projections, hidden lines, extension lines, etc., which are crucial for precise manufacturing. They include cross-sectional views or an auxiliary view that reveal hidden features and internal details, which a 3D model alone cannot fully convey.

What are the four types of technical drawings?

What are the 4 C's of engineering design? The 4 C's of Engineering are collaboration, communication, creativity and critical thinking.

What is a CAD drawing called? The terms computer-aided drafting (CAD) and computer-aided design and drafting (CADD) are also used. A 2D CAD drawing A 3D CAD model. Its use in designing electronic systems is known as electronic design automation (EDA).

What is ISO drawing? By Rose Barfield 6 min May 19, 2019. Isometric drawing is a particular drawing style where the angle between the x, y, and z axes are all 120°, and there is no perspective. An isometric drawing is a pictorial representation of an object in which all three dimensions are drawn at full scale.

When to use hidden lines? Hidden lines are broken and discontinuous, and they show the edges that are not visible from the viewpoint, but are still part of the object. For example, in a front view of a cube, only three edges are visible, while the other nine are hidden.

What font is used in engineering drawings? With the goals of legibility and uniformity, styles are standardized and lettering ability has little relationship to normal writing ability. Engineering drawings use a Gothic sans-serif script, formed by a series of short strokes.

What is a dashed line called? "Dotted line" means, as the name implies, a line made up of dots. To draw it you would make a dot with a pencil, move the pencil a little and make another dot, etc. "Dashed line" means a line made up of short strokes with breaks in between.

What is the ISO code for engineering drawings? ISO 128 is an international standard (ISO), about the general principles of presentation in technical drawings, specifically the graphical representation of objects on technical drawings.

What is ANSI in engineering drawing? In 1992, the American National Standards Institute adopted ANSI/ASME Y14. 1 Decimal Inch Drawing Sheet Size and Format, which defined a regular series of paper sizes based upon the de facto standard 81?2 in × 11 in "letter" size to which it assigned the designation "ANSI A".

What are ASME drawing standards? ASME and ISO are two of the most widely used drawing standards in the mechanical engineering field. They provide guidelines and rules for creating and interpreting technical drawings that communicate design specifications, dimensions, tolerances, and other information.

What is the triangle symbol in engineering drawing? The surface roughness on a drawing is represented by inverted triangles. The basic symbol consists of two legs of unequal length inclined at approximately 60° to the line representing the considered surface. The symbol must be represented by a thin line. The value of roughness is added to the symbols.

What is the basic knowledge of engineering drawing? An engineering drawing provides all information about the object's size, shape, surface type, materials, etc. It can be used in building drawing for civil engineers, machine drawings for mechanical engineers, circuit diagrams for electrical and electronics engineers, etc.

What is the difference between drafting and drawing? Drawing: refers to lines, shapes, finishes, sizes and colour combined to construct objects or structures. It will be a cumbersome task narrating an idea. Drafting: refers to the creation of a 2D or 3D drawing providing correct dimensions. It is a quick sketch with details but not to scale.

What are engineering drawings called? An engineering drawing is a subcategory of technical drawings. The purpose is to convey all the information necessary for manufacturing a product or a part. Engineering drawings use standardised language and symbols. This makes understanding the drawings simple with little to no personal interpretation possibilities.

What does ref mean in engineering drawings? Definition. REF is a term that appears on IC package drawings in reference to dimensions. It stands for REFERENCE and indicates that this is a reference dimension, calculated or based on another dimension.

What is the difference between drawing and engineering drawing? The art of representing engineering objects such as buildings, roads, machines, circuits etc. on a paper is called engineering drawing. artistic drawing is to convey emotion or artistic sensitivity in some way. Purpose of engineering drawing is to convey information about engineering object or idea.

What is the most important part of an engineering drawing? On every engineering drawing, there are a few must-haves, including: Dimensions and tolerances: Include any dimensions and tolerances that are necessary for producing the part in your drawing. For CNC parts, it is customary to include all of the part's dimensions in the drawing.

What questions to ask about drawing?

What are the importance of engineering drawings? Engineering drawings are used to communicate design ideas and technical information to engineers and other professionals throughout the design process. An engineering drawing represents a complex three-dimensional object on a two-dimensional piece of paper or computer screen by a process called projection.

What information should be on an engineering drawing? An engineering drawing provides details such as first angle projections, hidden lines, extension lines, etc., which are crucial for precise manufacturing. They include cross-sectional views or an auxiliary view that reveal hidden features and internal details, which a 3D model alone cannot fully convey.

What is the real story behind Kinky Boots? The Kinky Boots film is based on the story of Steve Pateman, who followed in the footsteps of four generations of his family at W.J Brooks, Earls Barton. By 1993 the demand for traditional men's brogues had declined. Steve feared he had no option but to close the factory.

What is the plot of Kinky Boots the musical?

Is Kinky Boots based on a true story on Wikipedia? Kinky Boots is a 2005 British comedy-drama film directed by Julian Jarrold and written by Geoff Deane and Tim Firth. Nominated for Best Film at the 64th Golden Globe Awards, it is based on a true story.

Who wrote the music for Kinky Boots? Kinky Boots is a musical with music and lyrics by Cyndi Lauper and book by Harvey Fierstein.

What parts of Kinky Boots are true? The real-life shoe company was the W.J. Brooks Shoe Company, which the BBC nicknamed the “Kinky Boot” factory. The character of Charlie Price is based on Steve Pateman, who was struggling to find a way to save the family-run factory from being shut down.

Are Kinky Boots appropriate for a 12 year old? Officially, the recommendation is that Kinky Boots is appropriate for age 10 and up. I think, however, that you should leave the younger kids at home for this show. Mature teens over the age of 14 or 15 who are ready to deal with themes of gender identity and overt sexuality will appreciate it, though.

What is the climax of Kinky Boots? The climax comes at the annual shoe show in Milan, where last-minute developments unfold right on schedule. Kinky Boots follows some standard fairly foolproof plot devices. There's the son taking over the family business even though he has no interest in it but finds the joy of making shoes after all.

Did Miss Saigon win a Tony? Lea Salonga played the part of Kim, winning the Laurence Olivier Award and Tony Award. The Engineer was portrayed by Jonathan Pryce, who also won the Laurence Olivier Award and Tony Award for the role.

Is Kinky Boots still running on Broadway? The show closed in 2019 after nearly six years on Broadway, but the heels stepped back into New York in summer 2022, when Kinky Boots kicked off its Off-Broadway revival. Kinky Boots's overarching theme of acceptance has established it as a frontrunner in the LGBTQ community.

Has Kinky Boots been made into a movie? The BBC called the episode “Kinky Boots.” In 2005, a movie directed by Julian Jarrold and written by Geoff Deane and Tim Firth based on the story was released.

What is the Kinky Boots movie on Netflix? Inspired by the true story of a traditional English men's footwear factory in Northamptonshire, which turned to production of kinky boots for drag queens in order to save the ailing family business and safeguard the jobs of the local community.

How long was Billy Porter in Kinky Boots? The 49-year-old performer starred as Lola in Kinky Boots on Broadway from 2013 to 2015. He earned a Tony for his performance in 2013, and a GRAMMY for Best Musical Theater Album for Kinky Boots the following year.

Who holds the rights to Kinky Boots? Music Theatre International Releases Kinky Boots for Worldwide Licensing | Playbill. The Harvey Fierstein-Cyndi Lauper musical won the 2013 Best Musical Tony Award. Harvey Fierstein and Cyndi Lauper's Kinky Boots is now available for worldwide licensing from Music Theatre International.

Who sang Kinky Boots? "Kinky Boots" is a song written by Herbert Kretzmer and David Lee for an episode of the television programme That Was The Week That Was in 1963, and subsequently recorded in 1964 by Patrick Macnee and Honor Blackman, stars of another television series, The Avengers.

Why is Kinky Boots important? At the heart of "Kinky Boots" lies the theme of embracing authenticity. The central character, Charlie Price, inherits his father's struggling shoe factory and must find a way to save it. When he meets Lola, a fabulous drag queen, he realizes that embracing their authentic selves is the key to success.

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some standard fairly foolproof plot devices. There's the son taking over the family business even though he has no interest in it but finds the joy of making shoes after all.

What movie is Kinky Boots based on? Kinky Boots was released in 2005, inspired by a real life story featured on a BBC2 1999 documentary called 'Trouble at the top'. The documentary looking at business that hit hard times featured Steve Pateman, facing the closure of his family ran shoe factory.

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What are the questions for organizational behavior?

What are the 4 focus of organizational behavior? The four elements of organizational behavior are people, structure, technology, and the external environment. By understanding how these elements interact with one another, improvements can be made.

What are the three critical levels of organizational behavior? The three levels of influence are the individual, the group, and the organization. The three levels are interconnected so it is critical to understand each one.

What does organizational behavior investigate? Organizational Behavior is a field of study that investigates the impact that individuals,groups and structure have on behavior within organizations, for the purpose of applying such knowledge toward improving an organization's effectiveness.

What are the 5 C's of organizational behavior? These five elements; Create, Comprehend, Communicate, Collaborate and Confront, form the basis of an effective people management approach. Whilst each element is important in its own right they all interrelate with and support the others.

What are the 4 C's of organizational behavior? The four C's or 4Cs – Communication, Collaboration, Creativity, and Competence are vital attributes that intertwine to define corporate success.

What are the three goals of OB? There are three goals of organizational behavior. First, to describe and analyze how individuals react under different workplace conditions. Second, to understand why individuals behave how they do. Third, to influence the behavior of individuals in the workplace to meet the goals of the business.

What does OB primarily focus on? Organizational Behavior is defined as a scientific field that focuses on individual and group behavior within organizational contexts, encompassing both micro and macro aspects of organizations.

What are the 4 pillars of organizational theory? Moreover, classical organization theory is based on four key pillars. They include division of labor, the scalar and functional processes, structure, and span of control.

What is the basic model of OB? The most widely accepted model of OB consists of three interrelated levels: (1) micro (the individual level), (2) meso (the group level), and (3) macro (the organizational level). The behavioral sciences that make up the OB field contribute an element to each of these levels.

What is the primary focus of organizational behaviour? Organizational behavior researchers are primarily concerned with measuring the presence of employee motivation, job alienation, organizational commitment, or similar work-related variables in order to understand how these attributes explain employee work behaviors and how they are affected by other variables, such as ...

What are the three types of conflict in organizational behavior? In particular, three types of conflict are common in organizations: task conflict, relationship conflict, and value conflict. Although open communication, collaboration, and respect will go a long way toward conflict management, the three types of conflict can also benefit from targeted conflict-resolution tactics.

What are the key elements of OB? The key elements of organisational behaviour include people, structure, technology, and the environment. employees, the organisation's stakeholders (those affected by the actions of an organisation), and groups. The groups can be big or small, formal or informal, official or unofficial.

Why is OB important to managers? Leaders who have adequate OB knowledge can manage teams more effectively. They guide by instilling trust in employees, encouraging teamwork, and linking operations to the company's strategy. This leads to effective leadership behavior which increases employees' engagement and overall success.

Who is the father of organizational behavior? One of the first management consultants, Frederick Taylor, was a 19th-century engineer who applied an approach known as the scientific management. Taylor advocated for maximizing task efficiency through the scientific method.

What are the 5 personality traits in organisational behavior? The best way to remember the Big Five Personality Model traits is to remember the acronym OCEAN: openness to experience, conscientiousness, extroversion, agreeableness, and neuroticism.

What is Robbins model of OB? Robbins defines organisational behaviour as “a field of study that investigates the impact that individuals, groups and structures have on behaviour within organisations for the purpose of applying such knowledge toward improving an organisation's effectiveness.”

What are the 4 primary areas of organizational behavior? But regardless of how much material there is, there are four key elements to keep in mind when applying organizational behavior theory to the workplace. They are people, structure, technology, and environment.

What is the ABC analysis of organizational behavior? The Antecedent-Behavior-Consequence (ABC)-analysis is a tool for analyzing behavior and stems from the field of psychology where it is used as a tool for the understanding of behavior in general and organizational behavior in particular.

What are the 4 types of personality in organisational behaviour?

What are the 4 goals of organizational behavior? The major goals of Organizational behaviour are: (1) To describe systematically how people behave under variety of conditions, (2) To understand why people behave as they do, (3) Predicting future employee behaviour, and (4) Control at least partially and develop

some human activity at work.

What are the OB five model? What are the models of organizational behavior? There are five models of organizational behavior. These include the autocratic model, custodial model, supportive model, collegial model, and system model.

What are core values in OB? What are organizational core values? These are the central, guiding beliefs and principles that underpin a company and its employees: 'cultural cornerstones' if you like. They also frame how the company deals with customers, partnerships, and stakeholders.

What are the four forces affecting organizational behavior? What are the four forces that affects organizational behaviour? Structure, technology, people, and environment are the four forces that have an impact on an organization's behavior.

What questions can be ask about an organizational structure?

What are the big 5 organizational behavior? The Big Five is a psychology based assessment that focuses on five wide-ranging categories that describe personality. The acronym used for The Big Five is OCEAN and include openness, conscientiousness, extraversion, agreeableness, and neuroticism.

What are organisational questions?

What are three questions asked during the process of organization? What does matter is that our teams have discussed, debated, and decided on the answers to these three questions (in no particular order): Where are we going (our vision or picture of our preferred future)? What do we believe in (our principles or values)? Why do we exist (our purpose or niche)?

What are the sample questions for organizational analysis?

What are the 4 main Organisational structures? Types of organizational structures include functional, divisional, flatarchy, and matrix structures. Senior leaders should consider a variety of factors including the business's goals, industry, and culture before deciding which type of organization is best for their businesses.

What are the 5 best types of organizational structure?

What are the 4 primary areas of organizational behavior? But regardless of how much material there is, there are four key elements to keep in mind when applying organizational behavior theory to the workplace. They are people, structure, technology, and environment.

What are the personality models in OB? The best way to remember the Big Five Personality Model traits is to remember the acronym OCEAN: openness to experience, conscientiousness, extroversion, agreeableness, and neuroticism.

What are the 5 traits of personality? Many contemporary personality psychologists believe that there are five basic dimensions of personality, often referred to as the "Big 5" personality traits. The Big 5 personality traits are extraversion (also often spelled extroversion), agreeableness, openness, conscientiousness, and neuroticism.

How to test organizational skills?

What are structured questions? A structured question is a closed question used in surveys to illicit fast and precise answers while reducing the amount of thinking the participant does. These types of questions will also reduce the workload on the researcher as the answers will be simple and easy to analyse.

How to demonstrate you are organized? This may include creating a to-do list, keeping a detailed calendar, prioritizing your tasks, delegating, or using time-management software. If you anticipate behavioral questions about organization and are prepared to answer them, you will find it easy to respond to these questions during an interview.

What are the three big strategic questions?

What are the three 3 basic functions of an organization? Every business is managed through three major functions: finance, marketing, and operations management.

What's the first question a strategist should always ask? Would anyone do the opposite of what you're doing?

What are the basics of industrial ventilation? The Anatomy of Ventilation Systems The core components of an industrial ventilation system include the air handling unit, ductwork, filters, and exhaust fans. The air handling unit is the heart of the system that ensures the circulation of fresh air and the removal of contaminated air.

What is industrial ventilation by the American Conference of Governmental Industrial hygienists? ACGIH's Fundamentals in Industrial Ventilation is a course that covers recommended ventilation and engineering controls including: The behavior of air and chemical contaminants in the air.

What are the 3 C's of ventilation? Communication, coordination, and control are the three Cs that represent the principles of a successful ventilation operation, Nicholas Papa writes. Communication, coordination, and control are the three Cs that represent the firefighting principles of successful ventilation.

What are the 4 steps of ventilation? Mechanical ventilation comprises 4 stages—the trigger phase, the inspiratory phase, the cycling phase, and the expiratory phase. The trigger phase initiates inhalation, either prompted by the patient's effort or predefined parameters set by the mechanical ventilator.

What is an example of industrial ventilation? The best example is a dust collection system with a hood, duct system, dust collector, exhaust fan, and stack. Depending on the processes, work environment, and facility layout, each approach offers differing advantages.

What are the five OSHA requirements relating to industrial hygiene? Some fundamental and easily implemented work practice controls include (1) changing existing work practices to follow proper procedures that minimize exposures while operating production and control equipment; (2) inspecting and maintaining process and control equipment on a regular basis; (3) implementing good ...

What is the main objective of industrial ventilation? The main objective of industrial ventilation is to maintain suitable temperature and humidity levels while removing air pollution generated during various industrial processes.

What is the 3 degree rule for ventilation? Rules on when to ventilate Dew-point rule Ventilate when the dew point of the outside air is lower than the dew point of the air in the hold. Three-degree rule Ventilate a hygroscopic cargo if the temperature of the outside air is at least 3°C below that of the cargo temperature (taken at loading).

What does VC mean ventilation? VC (Volume Control Ventilation) 7servo i8 The air is delivered during the inspiratory phase, held in the lungs during the pause phase, and then released during the expiratory phase. Peak pressure can vary from breath to breath depending on the patient;s compliance and resistance.

What does VT mean on a ventilator? When AC mode is selected in the ventilator, four parameters may be quickly modified: Tidal Volume (VT) This is the set amount of volume that will be delivered with each breath.

What are the rules of ventilation?

What is the difference between oxygenation and ventilation? Ventilation and oxygenation are distinct but interdependent physiological processes. While ventilation can be thought of as the delivery system that presents oxygen-rich air to the alveoli, oxygenation is the process of delivering O2 from the alveoli to the tissues in order to maintain cellular activity.

What is PS above PEEP? In this mode, the ventilator will cycle between two different pressures (PEEP and pressure support). PEEP will be the remaining pressure at the end of exhalation, and pressure support is the pressure above the PEEP that the ventilator will administer during each breath for support of ventilation.

What are the basics of ventilation system? Understanding the Basics of Home Ventilation It involves the exchange of indoor air with fresh outdoor air, helping to reduce moisture, odours, and airborne pollutants. The right ventilation system not only enhances air quality but also regulates indoor temperatures and prevents the buildup of harmful substances.

What is the principle of industrial ventilation? Industrial ventilation systems are designed to move out (exhaust) and bring in (intake) a specific amount of air at a specific speed (velocity), which results in the removal of undesirable contaminants in a specific area or space.

What is the basic principle of ventilation? Ventilation has two basic functions: air exchange and air distribution. Air exchange may be summarized simply as the cycle of fresh air in, stale air out. Air distribution is the process of delivering fresh air to all animals and mixing fresh air with stale air prior to removal from the building.

What are the three 3 basic methods for ventilating buildings? There are three methods that may be used to ventilate a building: natural, mechanical and hybrid (mixed-mode) ventilation.

> *kinky boots the musical script*, *organizational behavior colquitt test questions*, *industrial ventilation a manual of recommended practice 24th edition*

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