

CHEMISTRY PRACTICAL VIVA QUESTIONS FOR ENGINEERING 1ST YEAR

[Download Complete File](#)

What questions can be asked in chemistry viva?

How do you determine the alkalinity of water Viva? The alkalinity of water can be determined by titrating the water sample with Sulphuric acid of known values of pH, volume and concentrations. Based on stoichiometry of the reaction and number of moles of Sulphuric acid needed to reach the end point, the concentration of alkalinity in water is calculated.

What is titration viva? Answer. Titration is the process of adding one solution from the burette to another in the conical flask in order to complete the chemical reaction.

Why are the burette and pipette rinsed with solution with which these are filled? Q5. Why are the burette and the pipette rinsed with the solution with which these are filled? Answer. If you rinse the burette with the solution to be used, any tiny amounts of liquid remaining are the same as the solution used to fill the burette, and they will not affect the solution's concentration in any way.

What are the basic Viva questions?

What is the toughest question in chemistry? The hardest questions in General Chemistry focus on Titrations, Electrochemistry, and Thermodynamics/Kinetics purely because they're multi-step, math heavy, topics. The hardest questions in a chemistry degree depend on your strengths.

What is the pH of alkalinity of water? Alkaline water has a pH of 8 or higher. The pH scale is used to measure the alkalinity of water. Water with a pH of 8 to 10 is considered mildly alkaline, while water with a pH of 10+ is considered very alkaline. A pH of 7 is neutral, while anything lower than 7 is considered acidic.

What is the relationship between P and M alkalinity? P alkalinity is also known as phenolphthalein alkalinity and is determined by titrating to the phenolphthalein endpoint at pH 8.3. Total or M alkalinity is also known as methyl orange alkalinity and is determined by titrating to the methyl orange endpoint at pH 4.5.

How to calculate alkalinity as CaCO₃? Using the mean values of volume of acid consumed obtained in step 1 and step 2 respectively, the type and amount of alkalinity expressed in mg/L of CaCO₃ is calculated using following equation:
$$\text{Alkalinity(mg/L as CaCO}_3\text{)} = \text{volume of acid consumed(mL)} \times \text{molarity of acid(M)} \times 50 \times 1000 / \text{volume of water sample(mL)}.$$

Why is burette washed with KMnO₄? The reason for this is because kmno₄ is a coloured substance and as well as a self indicator, while mohr's salt is colourless and an indicator can be used to get an accurate end point. But if kmno₄ is taken in conical flask, it would be very difficult to observe the reaction completion.

Why is KMnO₄ a self-indicator? KMnO₄ Solution is a self indicator because it is a powerful oxidising agent. When sulphuric acid is present in the KMnO₄ solution, it is oxidised to sulphuric acid. This change in colour is used to indicate the endpoint of the solution.

Why is H₂SO₄ used in titration? Titrations with Permanganate must be carried out in strong acid solution. Sulfuric Acid is generally used for this purpose because Nitric Acid and Hydrochloric Acid can participate in competing oxidation-reduction reactions, reducing the accuracy of the titration.

What are possible questions in chemistry?

What questions are asked in research Viva?

What are basic chemistry questions?

Which type of questions are asked in a chemistry interview? All question were subject based:- 1) what is Bohr Burry scheme 2) what is variable valency 3) what is voice box what is its scientific term 4) explain the different lattice structure. Q8. Questions will be based in class 6-12, state, cbse, icse syllabus.

Sowing and Reaping Coloring Pages: A Creative and Educational Tool

What are Sowing and Reaping Coloring Pages?

Sowing and reaping coloring pages are a valuable resource that teaches children the important concept of cause and effect through engaging and creative activities. These pages depict the consequences of good and bad actions, emphasizing that positive deeds often lead to positive outcomes while negative actions have negative consequences.

How Can Coloring Pages Help Children Understand Sowing and Reaping?

Coloring these pages provides a tangible and visual representation of the abstract concept of cause and effect. By coloring the positive consequences of good actions and the negative consequences of bad actions, children can make a direct connection between their choices and the results they produce.

What Are the Benefits of Using Sowing and Reaping Coloring Pages?

These coloring pages offer a number of benefits, including:

- **Improved Understanding of Cause and Effect:** Children develop a deeper understanding of how their actions have consequences.
- **Encouragement of Positive Behavior:** By witnessing the positive outcomes of good actions, children are motivated to make positive choices.
- **Development of Empathy:** They learn to understand the impact their actions have on others and develop empathy for those who experience the consequences of negative actions.

How Can I Use Sowing and Reaping Coloring Pages with My Child?

Use these pages as an interactive tool to engage your child in meaningful discussions about decision-making and consequences. Encourage them to elaborate on the actions and consequences depicted in the coloring pages and explain how their own choices can impact their lives and the lives of others.

Where Can I Find Sowing and Reaping Coloring Pages?

There are numerous resources available online where you can find high-quality sowing and reaping coloring pages for free. Simply search for "Sowing and Reaping Coloring Pages" in your favorite search engine to find a variety of printable options.

Western Philosophy: An Introduction by John Cottingham

Question 1: What is Western philosophy? Answer: Western philosophy encompasses the philosophical traditions of Europe and the Americas, tracing its roots back to ancient Greece. It explores fundamental questions about reality, knowledge, ethics, and the human experience.

Question 2: Why is John Cottingham's book important? Answer: John Cottingham's book, "Western Philosophy: An Introduction," provides a comprehensive and accessible overview of Western philosophy. It covers major philosophers, ideas, and movements, making it an invaluable resource for students and general readers alike.

Question 3: What are the key themes in Cottingham's book? Answer: Cottingham's book explores themes such as the nature of reality (metaphysics), the origin and limits of knowledge (epistemology), the principles of right and wrong (ethics), and the search for meaning and purpose (existentialism).

Question 4: How does Cottingham approach Western philosophy? Answer: Cottingham presents Western philosophy as a dynamic and ongoing conversation. He emphasizes the interconnectedness of ideas and the influence of historical and cultural contexts on philosophical thought.

Question 5: What are the benefits of studying Western philosophy? Answer: Studying Western philosophy fosters critical thinking, analytical reasoning, and an understanding of fundamental human questions. It provides a historical and cultural

perspective on our own beliefs and values, enabling us to engage with the world more reflectively and critically.

What is case study research design and methods? Case Studies are a qualitative design in which the researcher explores in depth a program, event, activity, process, or one or more individuals. The case(s) are bound by time and activity, and researchers collect detailed information using a variety of data collection procedures over a sustained period of time.

What is a case study research design pdf? A case study is a methodological research approach used to generate an in-depth understanding of a contemporary issue or phenomenon in a bounded system. A case study is one of the most widely used and accepted means of qualitative research methods in the social sciences.

What is the difference between a case study research design and a survey research design? Case studies are more qualitative and in-depth, focusing on a specific case or cases, while surveys are more quantitative and widespread, gathering data from a larger population.

What is an example of a case study in research? Some famous examples of case studies are John Martin Marlow's case study on Phineas Gage (the man who had a railway spike through his head) and Sigmund Freud's case studies, Little Hans and The Rat Man. Case studies are widely used in psychology to provide insight into unusual conditions.

What are the four types of case studies?

What are the five components of a case study research design? According to Yin (1994) the case study design must have five components: the research question(s), its propositions, its unit(s) of analysis, a determination of how the data are linked to the propositions and criteria to interpret the findings.

What is the focus of a case study research design? Case studies tend to focus on qualitative data using methods such as interviews, observations, and analysis of primary and secondary sources (e.g., newspaper articles, photographs, official records). Sometimes a case study will also collect quantitative data.

How do you write a research design for a case study?

Why choose a case study research design? A case study is a great way to learn more about complex situations, and you can evaluate how various people responded in that situation. By conducting a case study evaluation, you can learn more about what has worked well, what has not, and what you might want to change in the future.

Why is a case study better than a survey? Unlike quantitative methods of research, like the survey, which focus on the questions of who, what, where, how much, and how many, and archival analysis, which often situates the participant in some form of historical context, case studies are the preferred strategy when how or why questions are asked.

What is a case study vs research study? Action research focuses on solving the immediate problem whereas, case studies focus on a particular phenomenon for a longer period of time. Action research method emphasis on solving the problem whereas case study method emphasis on observing, analysing and interpreting a particular phenomenon or scenario.

What is the meaning of case study method? The case study method is a learning technique in which the student is faced a particular problem, the case. The case study facilitates the exploration of a real issue within a defined context, using a variety of data sources (Baxter et al., 2008).

What is the objective of a case study? Case studies serve various objectives. They provide real-world examples of strategies and tactics used by businesses to succeed in specific markets [2]. They help students gain experience in strategic analysis and understand complex negotiations, entry challenges, and strategies faced by foreign companies [2].

What is the structure of a case study? Case study essays usually have to answer a specific question using examples from your case study. They are written in continuous prose (a series of paragraphs with no subheadings). They should be structured much like any other essay with an introduction, main body and conclusion.

What is a case study research example? The case study is appropriate especially if the context is relevant to the phenomenon—for example, investigating an

achievement gap in a high school (the phenomenon) with a large second-generation immigrant population (the context).

Is a case study qualitative or quantitative? Additionally, case studies can be qualitative and/or quantitative. It is quite likely, as Stake (1994) points out, that researchers doing case study research are calling it by another name. Case studies, as a research design, are also being conducted across disciplines and research traditions.

What are the four most important parts of a case study?

What are case studies in design? At its core, a case study is a presentation format for communicating the journey from problem to solution. Details within the framework may change, but the momentum is always moving towards clarity and uncovering a project's most important whats, whys, and hows. How do case studies benefit designers?

What are the 4 types of research design? There are four main types of Quantitative research: Descriptive, Correlational, Causal-Comparative/Quasi-Experimental, and Experimental Research. attempts to establish cause- effect relationships among the variables. These types of design are very similar to true experiments, but with some key differences.

How do you write a research case study?

What is the difference between case method and case study? There are those who argue that case study has a passive meaning, while case method has an active meaning, and there are those who see it from the participant's point of view as "case study", while those who see it from the professor's point of view as "case method".

[sowing and reaping coloring pages, western philosophy by john cottingham, case study research design and methods 5th edition chegg](#)

the best 1998 factory nissan pathfinder shop repair manual yamaha g1 a2 golf cart replacement parts manual 1996 2003 atv polaris sportsman xplorer 500 service manual one day i will write about this place a memoir ford crown victoria manual 1 10

fiscal year past question papers pass reproduction collection code of civil bar exam
 paper 1999 isbn 4887273347 japanese import pam 1000 amplifier manual
 edmentum plato answers for unit 1 geometry comprehensive review of self ligation in
 orthodontics by amit dahiya 2013 12 07 the melancholy death of oyster boy and
 other stories kawasaki mule 4010 owners manual acer notebook service manuals
 process dynamics and control solution manual ford fiesta mk3 service manual 2006
 acura rl with navigation manual owners manual case 580k operators manual
 essential calculus wright solutions manual brickwork for apprentices fifth 5th edition
 freedom 42 mower deck manual medical microbiology the big picture lange the big
 picture wild women of prescott arizona wicked ac1 fundamentals lab volt guide
 automated integration of clinical laboratories a reference us army technical manual
 tm 5 6115 465 10 hr hand receipt manual covering end item components of end item
 c basic issue items bii and additional mep 005awf winterization kit fue burning sony
 kv 32v26 36 kv 34v36 kv 35v36 76 kv 37v36 trinitron tv service manual download
 organic chemistry for iit jee 2012 13 part ii class xii pb bece 2014 twi question and
 answer
 haynes puntomanual download coupon guide for six flag sethical dilemmas and
 nursing practice 4th edition the food hygiene 4cs honda smartkey manual repair manual
 microwave sharp toyota caldina gtt repair manual honda hrra 214 owners manual polaris
 ranger manual windshield wiper torolx460 20 hp kohler lawn tractor shop manual per
 questomi chiamogiovannicardiac electrophysiology from cell to bedside
 instruction manual hyundai santa fe diesel 221998 chrysler sebring repair manual engine
 service manuals for kalmarr ottawa scott sigma 2 service manual 99 honda shadow ace
 750 manual bounce backs medical and legal guide to network defense and
 countermeasures weaver biostatistics for the biological and health sciences
 triola 2006 free ebooks about biostatistics for the biological graphing practice biology
 junction gravelly 100 series manual project management achieving competitive
 advantage taking charge nursing suffrage and feminism in america 1873 1920 national
 league for nursing series all nln 4 1 practice continued congruent figures
 answers answer guide forelementary statistics nancy p fenning case cx16bcx18b mini
 excavator service repair manual instant download probability jim pitman antenna theory
 design stutzman solution manual karen horney pioneer off feminine psychology women in
 medicine library binding l authors susan tyler hitchcock 2009 audia 3 foglight manual
 three blind mice and other stories a gatha christi star wars comic read online