

# CHAPTER 19 ACIDS BASES AND SALTS

## ANSWER KEY

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**What is acid base and salt answer?** Acid:- An acid is defined as a substance whose water solution tastes sour, turns blue litmus red, and neutralizes bases. Base:- A substance is called base if its aqueous solution tastes bitter, turns red litmus blue, or neutralizes acids. Salt:- Salt is a neutral substance whose aqueous solution does not affect litmus.

**How is pH used to classify a solution as neutral, acidic, or basic?** The pH scale is used to indicate how acidic or basic a solution is. It ranges from 0 to 14, where 7 is neutral. Anything less than 7 is classified as acid and anything above 7 is classified as a base. The pH scale is a logarithmic scale in which a substance with a pH of 2 is 10 times more acidic than a pH of 3.

**What factor is used to classify acids as strong or weak?** The strength of an acid is given by its pH, and this in turn comes from the hydrogen ion concentration. The hydrogen ion concentration depends on two factors: The nature of the acid. The concentration of the acid.

**What are the properties of acid?**

**What is the short answer of acid?** An acid is a chemical substance, usually a liquid, which contains hydrogen and can react with other substances to form salts. Some acids burn or dissolve other substances that they come into contact with.

**What is the short answer of base?** A base is a substance that can neutralize the acid by reacting with hydrogen ions. Most bases are minerals that react with acids to form water and salts. Bases include the oxides, hydroxides and carbonates of

metals. The soluble bases are called alkalis. Sodium hydroxide is an alkali.

**What does pH stand for?** The letters pH stand for potential of hydrogen, since pH is effectively a measure of the concentration of hydrogen ions (that is, protons) in a substance. The pH scale was devised in 1923 by Danish biochemist Søren Peter Lauritz Sørensen (1868–1969).

**How to know if it is acidic or basic?** The pH scale is the most common and trusted way to measure how acidic or basic a substance is. A pH scale measure can vary from 0 to 14, where 0 is the most acidic and 14 is the most basic a substance can be. Another way to check if a substance is acidic or basic is to use litmus paper.

**How to tell if a salt is acidic, basic, or neutral?** Whichever is the stronger acid will be the dominate factor in determining whether it is acidic or basic. The cation will be the acid, and the anion will be the base and will form either form a hydronium ion or a hydroxide ion depending on which ion reacts more readily with the water.

**How to calculate pH?**  $\text{pH} = -\log [\text{H}_3\text{O}^+]$ . The hydronium ion concentration can be found from the pH by the reverse of the mathematical operation employed to find the pH. Example: What is the hydronium ion concentration in a solution that has a pH of 8.34? On a calculator, calculate  $10^{-8.34}$ , or "inverse" log ( - 8.34).

**What are 20 examples of bases?**

**What makes a good base?** A good base donates its electrons quickly to a hydrogen atom to form a covalent bond. In contrast, a poor base donates its electrons slowly to a hydrogen atom.

**What are the products of a neutralization reaction?** Salt and water are the only products formed during a neutralisation reaction.

**Why is pH important in everyday life?** This pH is important for the activation of the enzyme pepsin, which helps in the digestion of protein in food. Human blood has a pH range of 7.0 to 7.8, which is important for basic survival. If pH changes in blood proper function of our body get disturbed.

**What are natural indicators?** Natural Indicator is a type of indicator that can be found naturally and can determine whether the substance is an acidic substance or a

basic substance. Some examples of natural indicators are red cabbage, turmeric, grape juice, turnip skin, curry powder, cherries, beetroots, onion, tomato, etc.

**What is of salt acid or base?** Salt is not an acid or base. It is a combination of both of them. It may show acidic or basic nature, depending on the strength of the acid or base. While a strong base and strong acid always make neutral salt.

**What is a common example of an acid, base, and salt?** Definition: HCl, H<sub>2</sub>SO<sub>4</sub>, HNO<sub>3</sub> are a few examples of acids. NaOH, KOH, Ca(OH)<sub>2</sub> are a few examples of bases. NaCl, KCl, CaCl<sub>2</sub> are a few examples of salts.

**What is acid and base in simple words?** An acid is any hydrogen-containing substance that is capable of donating a proton (hydrogen ion) to another substance. A base is a molecule or ion able to accept a hydrogen ion from an acid. Acidic substances are usually identified by their sour taste.

**What are the acids bases and salts in the home?** Examples of household acids include shaving cream, lotion, vinegar, toilet cleaner and most cosmetics. Examples of household salts include some contents of toothpastes, contact lens solution, and baking soda, though baking soda is also a base.

**Which three tasks can be performed by the node manager?** A Node Manager process can automatically monitor, shutdown, and restart only those Managed Servers that it started.

**What is the overview of NNMi?** Overview. OpenText™ Network Node Manager i (NNMi) delivers powerful capabilities enabling NOCs to manage modern networks. NNMi Smart Plug-ins expand NNMi into specialized environments, helping your team reduce time to resolve issues. NNMi is a core component of Network Operations Management.

**What is the purpose of node manager?** Node Manager is a WebLogic Server utility that enables you to start, shut down, and restart Administration Server and Managed Server instances from a remote location. Although Node Manager is optional, it is recommended if your WebLogic Server environment hosts applications with high availability requirements.

**What is the difference between admin server and node manager?** The Admin Node Manager (ANM) is the central administration server for an API Gateway domain, and is responsible for performing management operations across the domain. The Node Manager (NM) on each machine manages all the local gateways on that machine, regardless of the group they are in.

**How does NNMi work?** EMI, which stands for Equated Monthly Instalment, refers to a predetermined fixed payment that borrowers make to lenders on a specific date each month. This regular instalment includes both the principal amount and the interest, allowing borrowers to gradually repay their loans over a set period.

**How to add node in NNMi?** You can easily add one or more Nodes to a Node Group from any Nodes or map view using the Actions menu. NNMi adds the selected nodes to the Node Group specified. When adding Nodes to an existing Node Groups using the Actions menu, note the following: Multiple nodes can be associated with one Node Group.

**What is NNM in networking?** A network node manager can automatically discover devices in the network, create a network topology map, and provide a visual representation of the network's structure. These network topology maps enable the manager to quickly develop and monitor the device inventory connectivity. Detecting and troubleshooting issues.

**What happens if node manager goes down?** Killing nodemanager will only affect the containers of this particular node. All the running containers will get lost on restart/kill. They will get relaunched once the node comes up or the nodemanager process get start(if application/job still running).

**What is a manager node?** This node is responsible for providing certain tasks, such as file system configuration changes, quota management, and free space management. In addition, manager nodes are responsible for token management throughout the cluster.

**What is the purpose of a node in a network?** Each network node acts as a connection point for data transmission, process recognition, packet switching, and network distribution. Generally, nodes are programmed to identify, process, and

transmit data from one node to another. They can perform several functions based on the application and network.

**Can we start managed server without node manager?** You can't start or stop a Managed Server with WLST without first connecting to the Node Manager. However, you can use WLST commands to start the Admin Server without the Node Manager running. The following example shows how to start the Admin Server for the medrec domain after invoking WLST with the java weblogic.

**How do I start an admin server with node manager?**

**What is node management?** Node Management provides multiple capabilities for managing EC2 instances, on-premises servers or virtual machines (VMs) in a hybrid environment, as well as other types of AWS resources.

**What is NNMi used for?** NNMi helps you monitor health and availability of physical and virtual devices and detect faults on your network.

**How can I check my NNMi status?** From the NNMi console, select Tools ? NNMi Status. NNMi displays a list showing the status of each process and service. Each process and service should be running. If one is not, contact your NNMi administrator.

**How to install NNMi?**

**How do I connect to node?**

**How to setup a node?**

**How do I add a user to my NNMi account?**

**What is the NNM?** In order to address malnutrition in India, Govt. of India has approved setting-up of National Nutrition Mission (NNM) and to roll it out in a phased manner with an aim to achieve improvement in nutritional status of children in the age group of 0-6 years, pregnant women and lactating mothers.

**What is the NNS in networking?** The Network Nervous System (NNS) is the DAO that controls the Internet Computer blockchain. It is an open, permissionless governance system, where everyone can participate by staking ICP utility tokens in

so-called neurons.

**What is the meaning of NMS server?** A Network Management Station (NMS) is a server that runs a network management application. Network elements communicate with the NMS to relay management and control information.

**For which three tasks can data management be used?** The data management process includes a wide range of tasks and procedures, such as: Collecting, processing, and validating data. Integrating different types of data from disparate sources, including structured and unstructured data. Managing the quality of the data to adhere to business standards.

**What does node manager do in Hadoop?** The NodeManager is responsible for launching and managing containers on a node. Containers execute tasks as specified by the AppMaster.

**What is an Intel node manager?** Intel Intelligent Power Node Manager and Intel® Data Center Manager (Intel® DCM) are platform-software-based features that reside on the Intel® Xeon® processor 5500 series, providing power, thermal monitoring, and policy-based power management for individual servers, racks of servers, and/or data centers.

**What is node management?** Node Management provides multiple capabilities for managing EC2 instances, on-premises servers or virtual machines (VMs) in a hybrid environment, as well as other types of AWS resources.

**What are the 4 types of data management?**

**What is the role of a data manager?** A Data Manager is a professional who oversees the development and use of data systems, ensuring effective data management, secure procedures, and data analysis.

**Which tool is used for data management?** Data integration tools are software applications that allow users to combine and manage data from different sources. Popular tools include Informatica, Talend, IBM InfoSphere, Microsoft SQL Server Integration Services (SSIS), and Oracle Data Integrator.

**What happens if node manager goes down?** Killing nodemanager will only affect the containers of this particular node. All the running containers will get lost on restart/kill. They will get relaunched once the node comes up or the nodemanager process get start(if application/job still running).

**What is the difference between resource manager and node manager?** The Resource Manager also monitors applications and provides other services. It generally runs on the head node of the Hadoop cluster. Node managers are responsible for launching and monitoring containers that are launched on worker nodes of the cluster. A node manager runs on every worker node in the cluster.

**What is container in node manager?** In simple terms, Container is a place where a YARN application is run. It is available in each node. Application Master negotiates container with the scheduler(one of the component of Resource Manager). Containers are launched by Node Manager.

**What is node process manager?** Node.js process manager is a tool, which provides an ability to control application lifecycle, monitor the running services and facilitate common system admin tasks to maintain your project operability.

**What is a node vs CPU?** 1.1 What is a node? A node is the name usually used for one unit (usually one computer) in a computer cluster. Generally, this computer will have one or two CPUs, each normally with more than one core. The memory is always shared between cores on the same CPU, but generally not between the CPUs.

**What are processor nodes?** A processing node is the host of processing elements (PEs) which perform data processing tasks on events.

**What is a network node used for?** A network node is a connection point in a communications network. Each node is an endpoint for data transmissions or redistribution. Nodes have either a programmed or engineered capability to recognize, process and forward transmissions to other network nodes.

**What is a manager node?** This node is responsible for providing certain tasks, such as file system configuration changes, quota management, and free space management. In addition, manager nodes are responsible for token management

throughout the cluster.

**Why is node used?** Node JS is a server-side platform that allows developers to build high-performance apps using JavaScript. Node JS uses an event-driven, non-blocking I/O model, making it ideal for building fast and scalable apps.

**How to setup Huawei E5573?**

**What is the IP address of Huawei WiFi E5573C?** Open a web browser and navigate to the E5573C's management interface. The default address is 192.168.8.1. Log in to the management interface using the default username and password, which are both admin.

**Is Huawei mobile wi-fi E5573 4G?** Huawei E5573 4G HOTSPOT UNLOCKED ALL SIM SUPPORTED WIFI 150 Mbps 4G Router - Huawei : Flipkart.com.

**How to change password on Huawei E5573?** Connect your phone to the Mobile WiFi. Enter 192.168.8.1 in the address bar of a browser, and enter the login password of the web-based management page to log in. Go to Advanced > System > Modify Password, enter the Current password, New password, and Confirm password, and click Save.

**How many devices can connect to Huawei e5573?** This Huawei mobile wireless router allows you to connect 10 WiFi enabled devices at the same time.

**How do I connect my Huawei router to Wi-Fi?**

**How to reset Huawei Mobile WiFi e5573c?**

**How do I connect my Huawei IP address?**

**What is Huawei Wi-Fi IP address?** 192.168.8.1 is the default login IP address of a router. The default IP address is the official IP address used by Huawei. It can be used to access the management console of Huawei routers. You can use a mobile phone or computer to log in to the default IP address to change the password of the router.

**What is the speed of Huawei Mobile WiFi E5573?** Huawei E5573 is a new 4G mobile hotspot with LTE Category 4 technology, so it can support the download



speed to 150mbps and upload speed to 50mbps.

**Does Huawei E5577 support 4G?** The battery capacity is 1500mAh. And it supports the standard 6 pin SIM card. Huawei E5577 4G Mobile Hotspot is a 4G Portable wireless router. It's 1.45 inch TFT LCD screen provides the user with important information including signal strength, network provider, battery status, SSID and password.

**How can I update my Huawei Wi-Fi E5573?**

**What is the default password for Huawei E5573C?** Open a web browser and navigate to the E5573C's management interface. The default address is 192.168. 8.1. Log in to the management interface using the default username and password, which are both admin.

**What is the 192.168 8.1 username and password?** Troubleshooting – Device Password The username and password of the Huawei interface on the URL 192.168. 8.1 are by default admin / admin but we have changed this generic password to better secure your Internet access from your device.

**What is my Huawei Mobile WiFi username and password?** The default username and password is admin. Click the online help on the web interface to learn more about your Mobile WiFi. The Wi-Fi extender feature increases Wi-Fi coverage and connects to Wi-Fi networks where available to reduce mobile data usage.

**How to set up Huawei Mobile WiFi E5577?**

**How do I configure my Huawei modem?**

**How do I set up my new Huawei?**

**How to configure Huawei Wi-Fi dongle?**

**What is evaluation according to Scriven?** One notable definition is provided by Scriven (1991) and later adopted by the American Evaluation Association (AEA, 2014): "Evaluation is the systematic process to determine merit, worth, value, or significance." This definition is generally supported by most of the field (Picciotto, 2011) and is "probably the nearest ...

**What is the synonym of evaluation?** Some common synonyms of evaluate are appraise, assess, estimate, rate, and value. While all these words mean "to judge something with respect to its worth or significance," evaluate suggests an attempt to determine relative or intrinsic worth in terms other than monetary.

**What is a synonym for ongoing evaluation?** 186 other terms for ongoing evaluation. active review. continuous consideration. current performance appraisal. current estimation.

**What are the types of evaluation as distinguished by Scriven?** The terms 'formative' and 'summative' evaluation were coined by Michael Scriven in 1967.

**What are the 3 parts of evaluation?** An evaluation system is composed of three core elements: an intervention logic, evaluation questions, and indicators.

**What words can I use instead of evaluation?**

**What is another word for evaluating something?** appraise, assess, calculate, check, check out, classify, decide, figure out, gauge, grade, weigh. Strong matches. assay, class, criticize, estimate, guesstimate, peg, rank, rate, read, reckon, size, survey, valuate, value.

**How do you describe an evaluation?** Evaluation is a process that critically examines a program. It involves collecting and analyzing information about a program's activities, characteristics, and outcomes. Its purpose is to make judgments about a program, to improve its effectiveness, and/or to inform programming decisions (Patton, 1987).

**What is a performance evaluation called?** A performance evaluation — also called a performance review or appraisal — is a process that organizations follow to assess an employee's work quality and skills over a specific period.

**What is a synonym for critical evaluation?** an essay or article that gives a critical evaluation (as of a book or play) synonyms: critique, review, review article. types: book review. a critical review of a book (usually a recently published book)

**What is an evaluation term?** Definition. Evaluation is the structured interpretation and giving of meaning to predicted or actual impacts of proposals or results. It looks at original objectives, and at what is either predicted or what was accomplished and how it was accomplished.

**What are the 4 types of evaluation?** There are four main types of evaluation: formative, summative, process, and outcome evaluations. While barriers such as limited time, resources, and partnerships exist, evaluations provide valuable insights, support resource allocation, and aid in securing funding.

**What are the two 2 basic types of evaluation?** Evaluation strategies can be classified into two primary types depending on the information needed – Formative and Summative – and each can play important roles in our efforts to evaluate community engagement.

**What is the main basic of evaluation?** Evaluation is the process of determining the merit, worth, and value of things. Objects have value because it is useful or desirable to someone for some purpose or reason. People differ in the value, merit, and worth they assign to things because their values and the criteria they deem important differ.

**What are the 4 pillars of evaluation?** Four Pillars of Evaluation - psr - Research Guides at Chaffey College. The PSR Committee assesses four areas of evaluation: Service, Evidence, Assessment, and Planning.

**What are the 5 pillars of evaluation?** Learn More. The "5 Pillar Exceptional Teaching Evaluation System®" booklet highlights the Five Pillars of Relationships, Expectations, Curriculum, Instruction, and Assessment.

**What is the next step after evaluation?** There is almost always a need to go beyond simply producing a final report of an evaluation. Further dissemination may include: presentation of the findings to the body commissioning the evaluation.

**What is the concept of evaluation in sociology?** Evaluation is a process that critically examines a program. It involves collecting and analyzing information about a program's activities, characteristics, and outcomes. Its purpose is to make judgments about a program, to improve its effectiveness, and/or to inform

programming decisions (Patton, 1987).

**What is evaluation in sociology?** Social evaluation is defined as a mental process during which an individual (1) assigns different values (positive, negative) to particular behavioral patterns (e.g., helping, hindering) that are performed in a social interaction (e.g., problem solving), (2) associates these behaviors with specific individuals ( ...

**What is the real meaning of evaluation?** the process of judging or calculating the quality, importance, amount, or value of something: Evaluation of this new treatment cannot take place until all the data has been collected. Part of the rankings include evaluations by three administrators of other colleges in the same category. Synonyms. appraisal.

**What does evaluation mean in critique?** When you critique, you offer both negative and positive analysis of the content, writing, and structure of a source. When you evaluate, you assess how successful a source is at presenting information, measured against a standard or certain criteria.

[\*hpe network node manager i\*](#), [\*huawei e5573\*](#), [\*evaluation thesaurus michael scriven 9780803943643\*](#)

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