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<u>**Midterm Activity 2**</u>

1. **Define Technical Writing.**

    a. The technical writing is a mode of communicating that should be effective and informatively written. It is one of the types of writing used in several industries, including engineering, science and technology; medicine or business to share complex concepts that require consideration from a targeted audience.

    The main purpose of technical writing is to make complex or technical topics easier for a particular audience such as professionals, stakeholders and even common citizens. Technical writers apply several writing techniques, like logical arrangement of information, visual aids in form diagrams and charts, formal and satisfactory style for clarity reasons.

    Technical writing encompasses a wide variety of documents that include manuals, user guides, reports and specifications among other written works providing instructions explanations or information regarding some topic. Technical writing that is effective most significantly focuses on precision, clear information and easy to understand material hence readers can use this knowledge.

2. **Define Expository Writing.**

    In expository writing, the author is presenting a theme to be explained for the reader. The main goal of expository writing is to give information, facts or ideas in a concise way – without bias. Different from creative, or persuasive writing which may want to amuse the reader and change their views on something expository one conveys information in an objective manner.

3. **Difference between Technical Writing and Expository Writing.**

   a. Both technical writing and expository writing strive to be informative, but what distinguishes them is their purpose, audience, attitude and style. Technical writing is focused on achieving a particular task, often providing clear instructions and explanations for professionals within specific industries. It is formal, specific and may contain technical terms. Contrastingly, expository writing is broad and it seeks to inform the general population about different topics without emphasizing on specific duties. It remains unbiased, adjusts its style to the audience and may discuss any arts, humanities SF or general knowledge subjects. However, both may employ visuals but technical writing is more dependent on it since it is used to transmit complex information, while the other utilizes them as supportive elements of text rather than depending on them.

4. **Write a topic or letter/report using technical writing and expository writing?**

Technical Writing Topic
User Manual for Smartphone Operating System Update

This user manual gives detailed instructions for updating operating system on your smart phone. To streamline the process, follow this document's step-by-step guide. This update includes new features, improves performance and fixes security holes.

Table of Contents:

1. **Preparation Steps**
   - Backing Up Data
   - Ensuring Sufficient Battery Life
   - Connecting to Wi-Fi

2. **Downloading and Initiating the Update**
   - o Accessing System Settings
   - o Navigating to Software Update
   - o Initiating Download and Installation

3. **Installation Process**
   - o Verifying System Requirements
   - o Allowing Sufficient Time for Installation
   - o Restarting the Device

4. **Post-Update Checks**
   - o Verifying Software Version
   - o Ensuring App Compatibility
   - o Troubleshooting Common Issues

Expository Writing Topic

The Impact of Artificial Intelligence on Modern Healthcare

AI has become a game-changer in the contemporary healthcare setting, changing how service providers run their businesses and patients are treated. This expository essay explores the uses of AI in health care industry, stating its advantages and disadvantages.

1. **Diagnostic Capabilities:**

AI-assisted diagnostic tools yielded unprecedentedly impressive results regarding the precision to diagnose medical conditions. Involving, image identification in radiology or the number of evaluating complicated databases to boost speed and precision when making diagnoses.

2. **Treatment Personalization:**

With AI algorithms, patient's data is analyzed to provide a treatment plan that takes into consideration unique genetics of an individual as well as lifestyle aspects. This individualized strategy helps increase the efficacy of therapy and minimize side effects.

3. Operational Efficiency:

AI is also used by healthcare organizations to automate administrative chores that allow streamlining of resources and improvement of general efficiency. However, operational workflow management is made possible with automated systems of scheduling and billing as well as data collection.

4. Challenges and Ethical Considerations:

Due to keen growth in AI integration and application within healthcare, moral problems like patient confidentiality issues, security of personal information as well as biasness into agreements should be addressed cautiously. It is important to provide a balance between technological advancements and ethical integrity.

After all, AI integration into healthcare has a bright future ahead towards better patient outcomes and simplified provision of effective services. Nevertheless, necessary attention should be dedicated to ethical implications and threats in order for AI technologies deployed by the medical sector are responsible ones which would not create unequal performance.