1. Bacillus cereus-food poisoning - Niyaz
2. Bacillus Anthracis- Anthrax- Sazan, Zainab
3. Corynebacterium diphtheriae- diphtheria - Rezhna, Helin
4. Clostridium botulinum-botulism - Mohammed, Elaf
5. Clostridium difficile pseudomembranous colitis Rawsht -, Dlnya
6. Clostridium Tetani- Tetanus – Khanda, lanya
7. Yersinia pestis-plague - Soz, Lana
8. Salmonella typhi-typhoid fever - Saya, Gashbin
9. Bordetella Pertussis-Whooping cough/pertussis - Banan, Omer
10. Streptococcal endocarditis - Raman
11. Tuberculosis (Mycobacterium tuberculosis)-Helin Jalal, Rebaz
12. Peptic Ulcers (Helicobacter pylori)- Rawand
13. Vibrio cholerae-cholera - Darun, Kani

**Presentation dates will be provided later, you must be ready at any time its announced.
*NO GROUP CHANGING!!!***

**Seminar Presentation Preparation Instructions:**

* Each student or 2 is assigned a specific bacterial disease from the provided list.
* Review the information about your assigned bacterial disease **thoroughly.**
* Conduct **in-depth** research on your assigned bacterial disease, including its causative agent, symptoms, transmission, preventive measures, and any significant historical or recent developments.
* Utilize reputable sources such as scientific journals, textbooks, and official health organizations.
* Use graphics, charts, and images to enhance understanding.
* **Practice** your presentation multiple times to become familiar with the content and improve your delivery.
* Maintain eye contact with the audience, speak clearly and audibly, and use appropriate gestures.
* Encourage questions and interaction from the audience to enhance engagement.
* **Adhere to the allocated time** for your presentation (around 10-15 minutes).
* **Practice** your timing to ensure you cover all essential points without rushing or going over time.
* Prepare for potential questions from the audience by anticipating inquiries related to your bacterial disease.
* Submit your presentation slides and any supporting materials (if required) before the seminar date by a day.

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| Criteria | Excellent (5) | Good (4) | Fair (3) | Needs Improvement (2) | Inadequate (1) |
| Content Knowledge | Demonstrates thorough understanding of the assigned bacterial disease, including causative agent, symptoms, transmission, and preventive measures. | Presents accurate information about the bacterial disease but may miss some details. | Provides some information about the bacterial disease but lacks depth or accuracy. | Presents incomplete or inaccurate information about the bacterial disease. | Fails to convey essential information about the assigned bacterial disease. |
| Organization | Presentation is well-structured, with a clear introduction, logical flow, and effective use of visuals or slides. | Organizes information in a logical sequence but may lack some cohesion between sections. | Organization is somewhat unclear, affecting the overall flow of the presentation. | Presentation lacks a clear structure, making it difficult to follow. | Information is presented in a disorganized manner, hindering understanding. |
| Delivery and Engagement | Engages the audience effectively, maintains eye contact, and uses a confident and clear voice. | Demonstrates good engagement but may have occasional lapses in eye contact or voice clarity. | Engagement is limited, with challenges in maintaining eye contact or speaking clearly. | Presents with minimal engagement, lacks eye contact, and struggles with voice clarity. | Delivery is monotonous, disengaging, and difficult to follow. |
| Visual Aids | Visual aids (slides, charts, etc.) enhance understanding, are relevant, and well-designed. | Visual aids support the content but may be slightly cluttered or lack full relevance. | Visual aids are basic, and some may not contribute effectively to the presentation. | Visual aids are poorly designed, distracting, or do not add value to the presentation. | Visual aids are absent or so poorly executed that they hinder comprehension. |
| Time Management | Stays within the allocated time, effectively balancing content coverage and presentation pace. | Slightly exceeds or falls short of the allocated time, with minor impact on the overall presentation. | Exceeds or falls significantly short of the allocated time, impacting the presentation's effectiveness. | Presentation significantly deviates from the allotted time, affecting the overall delivery. | Presentation is either excessively long or too brief, hindering audience understanding. |
| Overall Impression | Leaves a lasting and positive impression on the audience, demonstrating a mastery of the topic. | Creates a positive impression but may have minor areas for improvement. | Leaves a somewhat positive impression, with noticeable areas that could be enhanced. | Leaves a neutral or slightly negative impression, with significant areas requiring improvement. | Leaves a negative impression due to critical flaws in content, organization, or delivery. |

Evaluation Rubric: