

## Oral Presentation

### English for Information Technology

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**Objective:** This task aims to develop your ability to articulate and present your opinion about technology effectively in English. You will be evaluated on your communication skills, creativity, and the clarity of your presentation.

#### Guidelines:

##### 1. Topic Selection:

- ~~Choose one topic from the provided list.~~

##### 2. Research and Content:

- ~~Conduct thorough research on the foundational principles of your chosen topic~~
- ~~Explore its applications;~~
- Highlight real-world examples of successful applications;
- Discuss potential future developments and innovations;
- Discuss potential advantages and disadvantages,

##### 3. Structure of Presentation:

- Introduction:
  - Provide a brief introduction to the topic
  - Clearly state the purpose and scope of your presentation.
- Main Content:
  - Explain the core concepts.
  - Present specific examples.
- Future Developments:
  - Explore emerging trends and potential future developments in your chosen topic
- Conclusion:
  - Summarize the key points discussed.
  - Conclude with your insights on the transformative or negative impacts of your chosen topic.
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##### 4. Language and Delivery:

- Use clear and concise language suitable for an audience with varying levels of English proficiency.
- Practice the pronunciation of key technical terms.
- Maintain a steady pace and engage the audience through eye contact and gestures.

**5. Visual Aids:**

- Prepare visual aids (slides) to support your presentation.
- Include visuals such as diagrams or infographics to illustrate key concepts.
- Ensure that visuals are clear, relevant, and enhance understanding.

**6. Q&A Session:**

- Be prepared to answer questions from your classmates and the teacher.
- Anticipate potential questions related to your topic.

**7. Time Management:**

- Your presentation should be between 8 to 12 minutes.
- Practice your presentation to ensure that you stay within the allotted time.

**8. Peer Evaluation:**

- After each presentation, classmates will provide constructive feedback based on the evaluation criteria.

**Evaluation Criteria:** see page 4

**Delivery:** Submit visual aids to moodle no later than 11<sup>h</sup> January.

**Presentation date:** 12<sup>th</sup> and 19<sup>th</sup> January 2024

## Topics

1. **Artificial Intelligence (AI) and its Impact on IT:**
  - Discuss the role of AI in IT applications, its benefits, and potential challenges.
2. **Cybersecurity Threats and Prevention:**
  - Explore current cybersecurity threats, common attack methods, and strategies for prevention.
3. **Blockchain Technology:**
  - Explain the fundamentals of blockchain, its applications beyond cryptocurrencies, and potential future developments.
4. **Internet of Things (IoT):**
  - Explore how IoT is transforming various industries and discuss potential security and privacy concerns.
5. **Cloud Computing:**
  - Discuss the advantages of cloud computing, popular cloud service providers, and potential issues related to data security and privacy.
6. **Data Science and Big Data:**
  - Explore the role of data science in extracting valuable insights from big data, and its applications in various domains.
7. **Mobile App Development Trends:**
  - Discuss current trends in mobile app development, including cross-platform development, user experience design, and emerging technologies.
8. **Augmented Reality (AR) and Virtual Reality (VR):**
  - Explore the applications of AR and VR in IT, from gaming to education and enterprise solutions.
9. **Open Source Software and its Importance:**
  - Discuss the concept of open-source software, its benefits, and its impact on the IT industry.
10. **Future Trends in IT:**
  - Explore emerging technologies and trends that are likely to shape the future of the IT industry.
11. **Ethical Hacking and Penetration Testing:**
  - Discuss the importance of ethical hacking, penetration testing, and the role of cybersecurity professionals in securing systems.
12. **Agile Software Development:**
  - Explain the principles of Agile methodology, its advantages, and how it is applied in software development projects.
13. **5G Technology:**
  - Explore the capabilities and potential impact of 5G technology on communication, IoT, and other IT applications.
14. **E-commerce Trends and Innovations:**
  - Discuss current trends in e-commerce, including personalized shopping experiences, mobile commerce, and the use of AI.
15. **Human-Computer Interaction (HCI):**
  - Explore the principles of HCI, usability design, and the importance of user experience in software development.

## Evaluation Criteria: Presenting a Business Idea

### 1. Content (30 points):

- Clarity and clear articulation of arguments;

### 2. Language and Communication Skills (20 points):

- Use of appropriate vocabulary and terminology (8 points).
- Clarity and coherence in the presentation (7 points).
- Grammar and sentence structure (5 points).

### 3. Delivery (25 points):

- Confidence and poise during the presentation (10 points).
- Engagement with the audience (7 points).
- Time management (8 points).

### 4. Visual Aids (15 points):

- Relevance and clarity of visual aids (8 points).
- Effective integration of visual elements to support verbal presentation (7 points).

### 5. Q&A Session (10 points):

- Ability to address questions with clarity and confidence (5 points).
- Demonstrated understanding of the topic (5 points).

### 6. Overall Impression (10 points):

- Professionalism and enthusiasm in the presentation (5 points).
- Overall impact and persuasiveness of the presentation (5 points).

**Total: 100 points**