Assessment Task 2:

Short Answer Questions

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| Course code and name | ICT50220 Diploma of Information Technology |
| Unit code and name | ICTWEB514 Create Dynamic Web Pages |
| Due date | 28 / 05 / 2024 |
| Resources required | * Learner resource * Access to computer and internet |
| Decision making rules | All Questions must be answered correctly to be deemed satisfactory. |
| Instructions to be provided to learners | **Common Instructions**   * This assessment will be conducted using written question method. * It is to be completed in your own time. * The learner has two weeks to complete this task. * All questions must be answered. * Sufficient time will be provided in class for learners to read and review the assessment task and seek clarification on key points prior to undertaking the assessment task. * At this time any learner who require reasonable adjustments can discuss it with the assessor. It is important to ensure the integrity of the assessment is maintained and the intent is not compromised. (e.g. extension of time, oral questions and answers etc.). * The learner must complete the answers electronically and save it as Assessment Task 2 Short Answer Questions Student ID.docx. * Please include Full Name, Student ID and Group Name in the footer of the answer document. * Submit the saved file in the Assessment Task 2 folder Melbourne Polytechnic LMS * The learner must agree (via an ‘I confirm’ radio button) with the assessment submission terms and condition in Melbourne Polytechnic LMS prior to the submission. |

## Questions & Answers

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| 1 | Outline what is a programming control and design structure is? | | |
|  | Answer | Satisfactory | Unsatisfactory |
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| 2 | Explain what authentication and web security, why is important? | | |
|  | Answer | Satisfactory | Unsatisfactory |
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| 3 | Explain what a session management in web application is? What is PHP code to start a session? Where do you insert the code to start the session in PHP | | |
|  | Answer | Satisfactory | Unsatisfactory |
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| 4 | Explain what a stateless statement in web application is? | | |
|  | Answer | Satisfactory | Unsatisfactory |
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| 5 | Please briefly describe what SSH and SSL are, and provide some security procedures. | | |
|  | Answer | Satisfactory | Unsatisfactory |
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| 6 | Please briefly describe what http is, and explain the following request methods: GET, POST. | | |
|  | Answer | Satisfactory | Unsatisfactory |
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| 7 | Please briefly describe what HTML, CSS are, and explain their purpose. | | |
|  | Answer | Satisfactory | Unsatisfactory |
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| 8 | Please briefly explain the syntax of creating a php function. | | |
|  | Answer | Satisfactory | Unsatisfactory |
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| 9 | Explain the difference between a client-side script and server-side script. (40 to 50 words) | | |
|  | Answer | Satisfactory | Unsatisfactory |
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| 10 | Please briefly describe what log system is, and explain why log system is one of the most important debugging methods. | | |
|  | Answer | Satisfactory | Unsatisfactory |
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| 11 | Please briefly describe why implementing function or class is useful programming techniques. | | |
|  | Answer | Satisfactory | Unsatisfactory |
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| 12 | Please briefly describe the following 3 organisational procedures:  1. Automatic code formatting in IDE  2. Post-compression error checking  3. Following code commenting conventions,  and provide one legislative procedures. | | |
|  | Answer | Satisfactory | Unsatisfactory |
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## Student Declaration

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| Please read, tick and sign below | | | |
| ☑ I declare that the attached assessment I have submitted is my own original work and any contributions from and references to other authors are clearly acknowledged and noted.  ☑ This document has been created for the purpose of this assessment only and has not been submitted as another form of assessment at Melbourne Polytechnic or any other tertiary institute.  ☑ I have retained a copy of this work for my reference in the event that this application is lost or damaged.  ☑ I give permission for Melbourne Polytechnic to keep, make copies of and communicate my work for the purpose of investigating plagiarism and/or review by internal and external assessors.  ☑ I understand that plagiarism is the act of using another person’s idea or work and presenting it as my own. This is a serious offence and I will accept that penalties will be imposed on me should I breach Melbourne Polytechnic’s plagiarism policy. | | | |
| Student Signature |  | Date | 28-05-2024 |
| Please note that your assignment will not be accepted unless you have:   * Completed all sections of the assignment * Acknowledged all sources of other people’s contributions including references and Students’ names for group work assessments * Completed all areas of this Student assignment cover sheet. | | | |

## Marking Guide

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| Trainer/Assessor to complete the following: | | Yes | No |
| The learner has correctly answered all questions | |  |  |
| Comments and feedback | | | |
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| result | | | |
| ☐ Satisfactory  ☐ Not Satisfactory (resubmission required) – Due date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | |
| Date Assessment Returned |  | | |
| Trainer/assessor Name |  | | |
| Trainer/Assessor signature | X | | |