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| **TAKE-HOME FINAL EXAMINATION**  **SEPTEMBER 2021 SEMESTER** | | |
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| **SUBJECT CODE** | **:** | **ECE 322** |
| **SUBJECT NAME** | **:** | **TECHNOLOGY FOR YOUNG CHILDREN** |
| **LEVEL** | **:** | **BACHELOR** |
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| **INSTRUCTIONS TO CANDIDATES** | | |
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| **1. Please read the instructions given in the question paper CAREFULLY.**  **2. Plagiarism in all forms is forbidden. Students who submit plagiarised**  **work will be penalised.**  **3. Answer ALL questions.**  **4. Submit your answers On or Before 20th December 2021, 2.00 pm.**    **5. Please submit your answers via myPLS (online submission).**  **6. Only ONE online submission is allowed.**  **7. Use the Microsoft Word template given at the end of the question paper.**  **8. Convert your MS Word to a PDF file and Submit**  **9. Save Filename as: NAME\_STUDENTID\_SUBJECTCODE** | | |
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**Total: 40 Marks**

**INSTRUCTIONS: Answer ALL Questions**

***ARAHAN: Jawab SEMUA soalan***

**Answer for each question should be between 400 to 430 words (excluding diagrams)**

**State the number of words at the end of each answer**

*[Setiap jawapan hendaklah lebih kurang 400 hingga 430 patah perkataan (tidak termasuk rajah]*

*[Catatkan bilangan perkataan di akhir setiap jawapan]*

**Do not copy and paste from the learning materials. Use your own words and you do not have to cite sources.**

*[Jangan ‘copy & paste’ daripada bahan pembelajaran. Gunakan perkataan anda sendiri dan anda tidak perlu membuat rujukan]*

**Question 1**

Explain how teachers can develop 21st century skills among children. Provide example.

*[Jelaskan bagaimana guru dapat memperkembangkan kemahiran abad ke 21 dalam kalangan kanak-kanak. Berikan contoh]*

**[10 marks]**

**Question 2**

Briefly discuss how Technological Pedagogical Content Knowledge (TPACK) framework help teachers integrate technology in their classroom.

*[Bincangkan secara ringkas bagaimana rangka kerja Pengetahuan Kandungan Pedagogi Teknologi (TPACK) membantu guru mengintegrasikan teknologi dalam bilik darjah mereka.]*

**[10 marks]**

**Question 3**

Discuss TWO of the guidelines suggested by the NAEYC on the use of technology with young children. To what extent do you agree with these guidelines?

*[Bincangkan DUA garis panduan yang dicadangkan oleh NAEYC tentang penggunaan teknologi dengan kanak-kanak kecil. Sejauh manakah anda bersetuju dengan garis panduan ini?.]*

**[10 marks]**

**Question 4**

Describe how you would use technology to build character of children. Give example.

[*Terangkan bagaimana anda akan menggunakan teknologi untuk membina watak kanak-kanak. Berikan contoh.]*

**[10 marks]**

**END OF QUESTION PAPER**

**ANSWER SHEET**

**DECLARATION BY STUDENT**

I certify that this is my own work. I have not consulted with anyone or discussed the contents of this exam with anyone. The content has not been previously submitted for assessment to Asia e University or elsewhere. To do otherwise would constitute academic dishonesty. I also confirm that I have kept a copy of this assignment.

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| **STUDENT ID** |  |
| **STUDENT NAME** |  |
| **IC / PASSPORT NUMBER** |  |
| **SUBJECT CODE** |  |
| **SUBJECT NAME** |  |
| **PROGRAMME** |  |
| **DATE OF SUBMISSION** |  |
| **LEARNING LOCATION** |  |

Begin writing your answers in this page

(Font: Times New Roman, Size: 12, Line Spacing 1.5)

**Question 1**

**Question 2**

**Question 3**

**Question 4**