

Student ID No: .....

Student IC or  
Passport No: .....

Programme: .....



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## FINAL EXAMINATION

### SEPTEMBER 2018 SEMESTER

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**SUBJECT CODE** : ECE335

**SUBJECT NAME** : PEMBELAJARAN MATEMATIK UNTUK KANAK-KANAK /  
MATHEMATICS FOR YOUNG LEARNERS

**LEVEL** : BACHELOR

**TIME / DURATION** : 9.00 AM – 11.30 AM  
(2½ HOURS)

**DATE** : 6 JANUARY 2019

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#### INSTRUCTIONS TO CANDIDATES

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1. Please read the instructions given in the question paper CAREFULLY.
2. This question paper is printed on both sides of the paper.
3. This question paper consists of Part A, B and C.
4. Use the Objective Answer Sheet for Part A.
5. Write the answer for Part B and Part C in the answer booklet provided.
6. YOU ARE NOT ALLOWED TO BRING THIS QUESTION PAPER OUT OF THE EXAM HALL / CLASSROOM.

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THERE ARE NINE (9) PAGES OF QUESTIONS, EXCLUDING THIS PAGE.

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**SECTION B (Total: 10 marks)**

**INSTRUCTION: Answer ALL questions.**

**Write your answers in the answer booklet provided.**

**Question 1**

State the **FIVE (5)** levels of geometric thinking proposed by Pierre Van Hiele (1957).

*[Nyatakan LIMA (5) peringkat pemikiran geometrik yang dicadangkan oleh Pierre Van Hiele (1957)]*

**[5 marks]**

**Question 2**

List the types of mathematical skills that emerge when mathematics is taught through play.

*[Senaraikan jenis-jenis kemahiran matematik yang muncul apabila matematik diajar melalui bermain]*

**[5 marks]**

**SECTION C (Total: 10 Marks)****INSTRUCTION: Answer ONE (1) question only.****Write your answers in the answer booklet provided.****Question 1**

Suggest what teachers can do to reduce mathematics anxiety among children.

*[Cadangkan apakah yang boleh guru lakukan untuk mengurangkan kebimbangan matematik dalam kalangan kanak-kanak]*

**[10 marks]****Question 2**

Explain how the learning centre provides opportunities for children to develop various types of mathematics process skills.

*[Jelaskan bagaimana pusat pembelajaran menyediakan peluang untuk perkembangan pelbagai jenis kemahiran proses matematik dalam kalangan kanak-kanak]*

**[10 marks]****END OF QUESTION PAPER**