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தேர்வுகள் - புதிமைத் திணைக்களம்
Department of Examinations, Sri Lanka

අධ්‍යයන පොදු තත්වික පත්‍ර (උසස් පෙළ) විභාගය, 2020
கல்விப் பொதுத் தரவுப் பத்திர (உயர் தரவு) பரீட்சை, 2020
General Certificate of Education (Adv. Level) Examination, 2020

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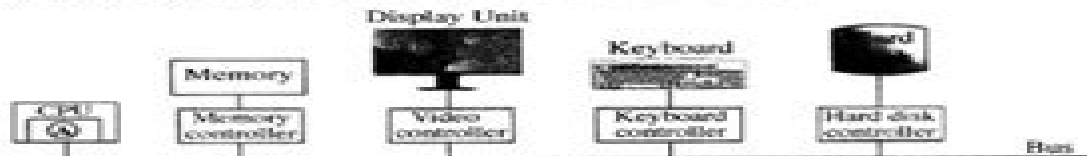
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පැය පොදුවේ
இரண்டு மணித்தியாலம்
Two hours

Instructions:

- Answer all the questions.
- Write your Index Number in the space provided in the answer sheet.
- Instructions are also given on the back of the answer sheet. Follow those carefully.
- In each of the questions 1 to 50, pick one of the alternatives from (1), (2), (3), (4), (5) which is correct or most appropriate and mark your response on the answer sheet with a cross (x) in accordance with the instructions given on the back of the answer sheet.
- Use of calculators is not allowed.

- A computer processor will operate fastest when the data that it wants is in the
 - cache memory.
 - hard disk.
 - magnetic tape.
 - main memory.
 - optical disk.
- Which of the following hardware components will lose data when the power to a computer is switched off?
 - registers
 - cache memory
 - main memory
 - A only
 - A and B only
 - A and C only
 - B and C only
 - All A, B and C
- Computer has evolved from the early main frames to the relatively small smart devices with high computing power used today. Which of the following inventions contributed to reduce the physical size of computers?
 - bus
 - integrated circuits
 - registers
 - solid state memory
 - vacuum tube
- Consider the following diagram showing some hardware component connections on a computer system:



The hardware part within the CPU indicated by Ⓐ in the above diagram has a set of registers that has the memory translation maps of the currently running process. When given an input virtual address of the current process it outputs the relevant physical address (if any).

The Ⓐ in the above diagram denotes the

- arithmetic and logic unit (ALU).
- control unit.
- L1 cache memory.
- memory management unit.
- page table.

[See page two]



January 2014 S1 Gce Past Paper

Arturo Cuomo



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Decoding **January 2014 S1 Gce Past Paper**: Revealing the Captivating Potential of Verbal Expression

In a period characterized by interconnectedness and an insatiable thirst for knowledge, the captivating potential of verbal expression has emerged as a formidable force. Its power to evoke sentiments, stimulate introspection, and incite profound transformations is genuinely awe-inspiring. Within the pages of "**January 2014 S1 Gce Past Paper**," a mesmerizing literary creation penned by a celebrated wordsmith, readers attempt an enlightening odyssey, unraveling the intricate significance of language and its enduring effect on our lives. In this appraisal, we shall explore the book's central themes, evaluate its distinctive writing style, and gauge its pervasive influence on the hearts and minds of its readership.

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