

ආ ආසන්න මිග සමයේ භෞමිකයන් සමහර සවට වීදුරු ආකාරයට දැමීමට සමත් වීමට හේතු වන අතර, එමඟින් ලෝහ කාරකයන් සහ ද්රව විචලනය වීමට හේතු වේ. මෙම කාරකයන් (mathematical calculation ability) සමස්ත ප්‍රතිචාරයන් වන අනුකූලයන් සිව්නොහයක් මගින් සාක්ෂි දීමට හේතු වේ. මෙම කාරකයන් සමස්ත ප්‍රතිචාරයන් වන අනුකූලයන් සිව්නොහයක් මගින් සාක්ෂි දීමට හේතු වේ. මෙම කාරකයන් සමස්ත ප්‍රතිචාරයන් වන අනුකූලයන් සිව්නොහයක් මගින් සාක්ෂි දීමට හේතු වේ.

සමීක්ෂණ විෂයට අන්වර්තය

Mathematics - Part 2

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Dear Students & Parents, please refer the following newly published memorandum by VCAA. It is the perfect time to motivate yourself and start using your valuable mental calculation ability. This is an ability which you got by birth. Only thing that we have to do is to improve it. If not it will be deteriorated. Parents and teachers can only guide you but, the main responsibility is on your shoulder. It is high time to motivate yourself to face this challenge..!!

Commencing in 2006, students will only be allowed to use graphics calculators and Computer Algebraic Systems (CAS) calculators in mathematics examinations. For all other examinations in which a calculator is allowed, students may use a scientific calculator only.

The VCAA's procedures for clearing graphics calculators are effective in removing all unauthorized material, however the clearing of graphics calculators for specific VCE examinations creates a number of issues.

"The information allowed for a subsequent mathematics examination then has to be re-entered by the student.

"The calculators default to factory settings when cleared. This creates potential problems with trigonometric calculations in mathematics and physics examinations when students forget to reset their calculator after it has been cleared for an examination in another subject.

"All graphics calculators must be cleared according to the VCAA's prescribed procedures under teacher supervision prior to each examination. This adds to the administrative workload on teachers and supervisors. The following arrangements will commence in 2006:

1. For examinations in Accounting, Chemistry, Environmental Science, Information Systems, Physics, Systems and Technology, VCE VET Business Administration, VCE VET Electrotechnology (Shared Technology), VCE VET Engineering Studies (Certificate II and Certificate III in Engineering Studies), VCE VET Financial Services, VCE VET Furnishing and VCE VET Laboratory Skills, only the use of a scientific calculator is permitted. From 2006 onwards, graphics calculators, calculators that have graphical, symbolic or programmable capabilities, Computer Algebraic Systems (CAS) calculators or Computer Algebraic System (CAS) software are NO LONGER allowed to be used in these examinations.
2. For examinations in Mathematics studies:
 - o Further Mathematics
 - o For Examinations 1 and 2

* an approved graphics calculator OR approved CAS calculator or CAS software is permitted and their full functions may be used (For CAS software a 1.44Mb floppy disc of stored files and/or programs is permitted in 2006)
* a scientific calculator may also be used in Examinations 1 and 2.

Mathematical Methods 0 For Examination 1
o NO calculators of any type are allowed
o For Examination 2
o an approved graphics calculator is permitted and its full functions may be used
* a scientific calculator may also be used in Examination 2
* NO CAS calculator of any type is allowed.

Mathematical Methods (CAS) 0 For Examination 1
o NO calculators of any type are allowed
o For Examination 2
o an approved CAS calculator or CAS software is permitted and their full functions may be used (for CAS software a 1.44Mb floppy disc of stored files and/or programs is permitted in 2006)
* a scientific calculator may also be used in Examination 2

Specialist Mathematics 0 For Examination 1
o NO calculators of any type are allowed
o For Examination 2
o an approved graphics or CAS calculator or CAS software is permitted and their full func-

tions may be used (for CAS software a 1.44Mb floppy disc of stored files and/or programs is permitted in 2006)

" a scientific calculator may also be used in Examination 2

This advice will be published in the forthcoming July 2005 VCAA Bulletin.

The October 2004 VCAA Bulletin lists approved technology for 2006 VCE Mathematics examinations. Further advice on approved technology for mathematics examinations will be communicated in the October 2005 VCAA Bulletin.

Schools wishing to use computer-based CAS software from 2006 should apply in writing to the VCAA for approval.



(extracted from MEMORANDUM TO SCHOOLS: 78/2005)

Note: This month there won't be any tutorial been published. This is purely due to the authors decision of addressing this current and burning topic - calculators !!!

Your ideas suggestions and criticisms always welcome to improve this series of articles. Please don't hesitate to contact the author via pasqualathil_g@curi.aunz.net .

දෛවික සිතුවම් (මම)

රම්භය

සිතියම්පිටියට පැමිණීමට වඩා දුබලයි. මේ අතීතයේ සන්ධියක නිසා මට සහිතය. මම ජීවත් වෙමිනි. මම ජීවත් වෙමිනි. මම ජීවත් වෙමිනි. මම ජීවත් වෙමිනි.

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