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A.

1. $\frac{1}{x^2} + \frac{1}{x} + 6$
 - (e) $\frac{1}{x^2} + \frac{1}{x} + 6$
 - () A
2. A
 - (e) $\frac{1}{x^2} + \frac{1}{x} + 6$ (B);
 - () A
 - (e) $\frac{1}{x^2} + \frac{1}{x} + 6$ C , 20
 - () $\frac{1}{x^2} + \frac{1}{x} + 6$ 20
 - (e) $\frac{1}{x^2} + \frac{1}{x} + 6$;
 - () $\frac{1}{x^2} + \frac{1}{x} + 6$;
 - () $\frac{1}{x^2} + \frac{1}{x} + 6$ C ;
 - () $\frac{1}{x^2} + \frac{1}{x} + 6$;

B. $\int_0^1 x^2 dx$ 的值为 $\frac{1}{3}$ 。

1. 已知 $f(x) = x^2 + 2x + 1$ ，求 $f'(x)$ 。

(e) 2005: $\int_0^1 x^2 dx = \frac{1}{3}$ ， $\int_0^1 x dx = \frac{1}{2}$ ， $\int_0^1 1 dx = 1$ 。

$\int_0^1 (x^2 + 2x + 1) dx = \left[\frac{1}{3}x^3 + x^2 + x \right]_0^1 = \frac{1}{3} + 1 + 1 = \frac{7}{3}$ 。

14C $\int_0^1 x^2 dx = \frac{1}{3}$ ， $\int_0^1 x dx = \frac{1}{2}$ ， $\int_0^1 1 dx = 1$ 。

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$\int_0^1 (x^2 + 2x + 1) dx = \frac{7}{3}$ 。

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C. $\int_0^1 x^2 dx = \frac{1}{3}$ 。

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Media and Communications		
COMS 224		12
Music		
MUSA 120 MUSA 121	Special application including submission of portfolio by 7 November.	7 November
MUSA 141 MUSA 143	Entry subject to audition. Special application due by 17 October.	17 October
MUSA 144	Entry by permission from Head of School.	
MUSA 190	Entry subject to audition. Special application due by 17 October.	
MUSA 192	Entry by permission from Head of School.	
MUSA 243	Special application by 17 October.	
Psychology		
PSYC 212		1 February
PSYC 428		1 February 20
PSYC 404 PSYC 433 PSYC 470 PSYC 475 PSYC 477		1 February 20 each course PSYC 433: 22
PSYC 452 PSYC 466 PSYC 459		1 February 15
Social Work		
SOWK 301 SOWK 308	Special application to department by 30 September. Selection will be based on academic record and an assessment arranged by the Programme Coordinator.	40 total
SOWK 451 SOWK 471 SOWK 472	Special application to department by 30 September.	40 total
SOWK 625 SOWK 671 SOWK 672	Special application to department by 30 September.	40 total
Soil Science		
SOIL 203		5 July 72
Science and Entrepreneurship		
SCIE 303	Special application to Internship Manager and interview. Students should attend UC Careers CV writing and Interview skills workshops prior to submitting internship application	

Programmes

Enrolment in the following programmes will normally require applicants to submit a special application by the stated deadline. Where applicable, enrolment in the following programmes will normally not exceed the number indicated. An international student quota, where applicable, is indicated by 'ISQ'.

Qualification	Requirement	Apply to Enrol by	Limit
Bridging Programmes Board of Studies			
C			
Faculty of Arts			
B A	103 15 A	10	78 :2
B A()	1	1	
B()	15	15	
A	1	1	
(A)	30	30	
D	31	31	25
Faculty of Commerce			
BC ()	10	10	
BC ()	10	10	
BC ()A	10	10	
BC ()	10	10	
BA D BA	10	10	
B D B			35
A			35
C	A		
Faculty of Education			
B ()	A A 4	4	
B C C C	A A 4	4	
B (C) B () D C D () D ()	A A 4 A D	4	

DCC	DCC	DCC	DCC



1. $1000000 \times 1.05^3 = 1157625$

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Approved Subject (best 24 credits per subject)	Excellence Credits (worth 4 points)	Merit Credits (worth 3 points)	Achieved Credits (worth 2 points)
C 0 0 0	2	4	12
0	3	5	10
		4	10
0	3	3	12
0			14
Subtotals	8	16	58
B 80 0	8	16	56
Calculate points	$8 \times 4 = 32$	$16 \times 3 = 48$	$56 \times 2 = 112$

Entry score: $32 + 48 + 112 = 192$

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