

Calculus Multiple Choice Problems, by type

LIMITS

1969

1973

1985 5

1988

1993 3, 29

1997 15, 21

1998 12, 76, 83

2003 3, 6, 79

2008 1, 5, 77

Calculus Multiple Choice Problems, by type

LIMIT DEFINITION OF DERIVATIVE

1969 6

1973 23

1985 25

1988 29

1993 37

1997 78?

1998

2003

2008

Calculus Multiple Choice Problems, by type

CONTINUITY

1969 3

1973 45

1985 29

1988 27, 41

1993 5

1997 79

1998 76, 81

2003 13, 20

2008 6

Calculus Multiple Choice Problems, by type

DIFFERENTIABILITY

1969

1973

1985

1988 27, 41

1993

1997 79

1998 13, 81

2003 13, 20

2008 6, 25

Calculus Multiple Choice Problems, by type

DERIVATIVES

1969 18, 22, 39, 45

1973 9, 18, 36

1985 2, 3, 4, 6, 10, 18, 20, 23

1988 12, 15, 18

1993 1, 8, 24, 25, 31

1997 4, 76, 80

1998

2003

2008

Calculus Multiple Choice Problems, by type

DERIVATIVE: PRODUCT and QUOTIENT RULE

1969

1973

1985

1988 1, 6

1993 7, 10

1997 2

1998 8, 10

2003 4

2008

Calculus Multiple Choice Problems, by type

DERIVATIVE: CHAIN RULE

1969

1973

1985

1988

1993 16

1997

1998 16, 28

2003 1, 9, 14

2008 3, 8, 12, 13

Calculus Multiple Choice Problems, by type

DERIVATIVE- TANGENT LINE

1969 20

1973 11

1985 8

1988 11

1993 7

1997 10, 12, 80

1998 18, 77, 87

2003 16, 19, 24, 89

2008 18, 26

Calculus Multiple Choice Problems, by type

IMPLICIT DERIVATIVE

1969 5, 24

1973 40

1985 13

1988 9

1993 4

1997 17

1998 6

2003 26

2008 16

Calculus Multiple Choice Problems, by type

L'HOSPITAL'S

1969

1973

1985 37

1988 23

1993

1997

1998

2003

2008

Calculus Multiple Choice Problems, by type

DERIVATIVE OF INVERSE

1969

1973

1985

1988

1993

1997

1998

2003 27

2008 28

Calculus Multiple Choice Problems, by type

THEOREMS

1969

1973

1985 41

1988 20

1993 18(MVT)

1997

1998 4, 76, 81, 91

2003 28, 80

2008 89

Calculus Multiple Choice Problems, by type

DERIVATIVE GRAPHS

1969 16

1973

1985 33

1988 8

1993 21, 40

1997 11, 88

1998 17, 23, 79

2003 7, 10, 22

2008 11, 76

Calculus Multiple Choice Problems, by type

INCREASING/DECREASING, MAX/MIN, Point of Inflection, Concave Up/Concave Down

1969 7, 17, 19, 21, 30,

1973 10, 22

1985 16, 36, 39, 43

1988 4, 33, 81

1993 15, 21, 23, 27, 44

1997 5, 11, 22, 77, 85, 88

1998 1, 17, 19, 22, 23, 24, 76, 79, 80, 81, 89, 91

2003 15, 17, 18, 21, 81, 87, 90, 92

2008 14, 20, 78, 80, 84, 90

Calculus Multiple Choice Problems, by type

RELATED RATES

1969 9

1973 76

1985 31

1988 40

1993 34, 39

1997 81

1998 78, 90

2003 78

2008 88

Calculus Multiple Choice Problems, by type

OPTIMIZATION

1969 36

1973 44

1985

1988

1993

1997 14

1998

2003 22

2008 24

Calculus Multiple Choice Problems, by type

PARTICLE MOTION

1969 35

1973 8, 13, 28

1985 11, 14, 28,

1988 3, 16

1993 11, 26, 84

1997 8, 9, 87

1998 14

2003 25, 76, 91

2008 7, 21, 82, 86, 87

Calculus Multiple Choice Problems, by type

FUNDAMENTAL THEOREM OF CALCULUS

1969

1973 20

1985 42

1988 13, 25

1993 41

1997

1998 15, 82, 88

2003 23

2008 81, 85

Calculus Multiple Choice Problems, by type

RIEMANN SUMS

1969

1973 42

1985

1988

1993 36

1997 24, 89

1998 85

2003 85

2008 10

Calculus Multiple Choice Problems, by type

INTEGRALS

1969 4, 26, 29, 38, 41

1973 21, 25, 27, 30, 32, 38, 41

1985 1, 22, 24, 27, 30, 32, 40

1988 5, 7, 10, 14, 17, 19, 28, 39

1993 12, 14, 17, 22, 28, 32, 38

1997 1, 3, 6, 18, 90

1998 3, 5, 7, 11, 20, 82, 88

2003 2, 5, 8, 11, 77, 82

2008 2, 4, 15, 79

Calculus Multiple Choice Problems, by type

AREA UNDER CURVES, BETWEEN CURVES

1969 13, 23

1973 15, 17

1985 34

1988 34, 21

1993 2, 6

1997 16, 78, 83

1998 2, 9, 25, 92

2003

2008 9, 17, 83, 92

Calculus Multiple Choice Problems, by type

VOLUMES OF REVOLUTION, CROSS-SECTIONS

1969

1973 35

1985 45

1988 30, 43

1993 20, 30

1997 23, 84

1998 86

2003 86

2008

Calculus Multiple Choice Problems, by type

AVERAGE VALUE

1969 33

1973 34

1985 44

1988 36

1993

1997 20

1998 27

2003 83, 88

2008 91

Calculus Multiple Choice Problems, by type

DIFFERENTIAL EQUATIONS, SEPARATION OF VARIABLES

1969 27, 31

1973 37

1985

1988

1993 33

1997

1998 21, 84

2003 84

2008 22, 23, 27