



ModelOff 2012 Questions and Answers

Excel Knowledge Test

Question Appeared in: ModelOff 2012 Finals

Time Allocated: 25 minutes

INTRODUCTION

Name the relevant Excel function for each of the following.

GENERAL

1	Joins several text strings into one text string
2	Returns a specified number of characters from the beginning of a text string
3	Returns the number of characters in a text string
4	Returns a specified number of characters from a text string, starting at a specified position
5	Capitalizes the first letter of each word in a text string and converts all other letters to lowercase letters
6	Replaces part of a text string with a different text string
7	Returns a specified number of characters from the end of a text string
8	Removes all extra spaces from a text string except for single spaces between words
9	Returns the serial number of the date that is a specified number of months before or after the start date
10	Returns the serial number of the last day of the month before or after a specified number of months
11	Returns the number of whole working days between two dates.
12	Returns the week number in a year
13	Returns the serial number of the date before or after a specified number of workdays
14	Returns the number of years and fraction of years between two specified dates
15	Extracts data stored in a PivotTable
16	Looks for a value in the top row of a table or array of values and returns the value in the same column from a row you specify
17	Returns the value or reference to the value of the specified row and column of a table or range
18	Returns the reference specified by a text string
19	Returns the relative position of an item in a range of contiguous cells in a row or a column that matches a specified value
20	Returns the reference to a single cell or a range of cells that is a specified number of rows and columns from a cell or range of cells
21	Converts a vertical range of cells to a horizontal range, or vice versa
22	Returns TRUE if the value is text



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MATHEMATICAL FUNCTIONS

23	Returns the absolute value of a number
24	Rounds a number up, to the nearest multiple of significance
25	Returns the possible number of combinations for a given number of items
26	Returns a number rounded to the nearest even integer away from zero
27	Returns e raised to a power
28	Returns the factorial of a number
29	Returns a number rounded towards zero to the nearest multiple of a specified number
30	Rounds a number down to the nearest integer
31	Returns the natural logarithm of a number
32	Returns the logarithm of a number to the base specified
33	Returns the remainder after a number is divided by a specified divisor
34	Returns a number rounded up or down to the nearest multiple of a specified number
35	Returns a number rounded to the nearest odd integer away from zero
36	Returns the value of pi
37	Returns the result of a number raised to a specified power
38	Returns a random draw from a uniform distribution between two specified numbers

FINANCIAL FUNCTIONS

39	Returns the accrued interest for a security that pays periodic interest
40	Returns the depreciation of an asset for a specified period using the fixed-declining balance method
41	Converts the dollar price expressed as a fraction into a dollar price expressed as a decimal number
42	Returns the effective annual interest rate given the nominal annual interest rate and the number of compounding periods per year
43	Returns the future value of a constant annuity
44	Returns the interest payment for a specified period of an annuity
45	Returns the internal rate of return for a series of cash flows that occur at equal intervals but are not necessarily equal
46	Returns the modified internal rate of return for a series of cash flows that occur at equal intervals but are not necessarily equal
47	Returns the price per \$100 face value of a coupon paying security at a specified yield
48	Returns the interest rate per period for a constant annuity
49	Returns the internal rate of return for a series of cash flows that are not necessarily equal or periodic
50	Returns the present value of a series of unequal future cash flows that occur at equal intervals starting one period in the future



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Answers

1	CONCATENATE
2	LEFT
3	LEN
4	MID
5	PROPER
6	REPLACE
7	RIGHT
8	TRIM
9	EDATE
10	EOMONTH
11	NETWORKDAYS
12	WEEKNUM
13	WORKDAY
14	YEARFRAC
15	GETPIVOTDATA
16	HLOOKUP
17	INDEX
18	INDIRECT
19	MATCH
20	OFFSET
21	TRANSPOSE
22	ISTEXT
23	ABS
24	CEILING
25	COMBIN
26	EVEN
27	EXP
28	FACT
29	FLOOR
30	INT
31	LN
32	LOG
33	MOD
34	MROUND
35	ODD
36	PI
37	POWER
38	RANDBETWEEN
39	ACCRINT
40	DB
41	DOLLARDE
42	EFFECT
43	FV
44	IPMT
45	IRR
46	MIRR
47	PRICE
48	RATE
49	XIRR
50	NPV