

000000EXCELL FILE TEMPLATE
for
2019/1 TMA UPLOAD

SN	CRSCODE	QUESTION
1	MTH421	Solve the initial value problem $\frac{d^2y}{dx^2} + \frac{dy}{dx} + y = 0$, $y(0) = 1$, $y(\pi) = 0$
2	MTH421	Solve the initial value problem $x^2 \frac{d^2y}{dx^2} + 2x \frac{dy}{dx} + y = 0$, $y(1) = 1$, $y(2) = 0$
3	MTH421	Solve the non-homogeneous linear differential equation $y'' - 4y' + 4y = 0$
4	MTH421	Solve the non-homogeneous linear differential equation $y'' - 4y' + 4y = 0$
5	MTH421	Find the general solution of $(y'' + 5y' + 6y = 0)$
6	MTH421	Solve the equation $(2x^2 y'' - 2xy' + 20y = 0)$
7	MTH421	Solve the differential equation $(y'' - 4y' + 3y = e^{3x}(x+1))$
8	MTH421	Find an integrating factor for the equation $((2xy^3 - 2$
9	MTH421	Solve the initial value problem $(xy' - 2y = -x^2, y(1) = 1)$
10	MTH421	Solve the differential equation $(y'' - 2y' + 5y = e^{-x} \cos x)$

000000SAVE THE EXCLE FILE
AS
CRSCODETMA00

000000EXCELL FILE TEMPLATE
for
2019/1 TMA UPLOAD

OPTION A	OPTION B	OPTION C	OPTION D	ANS	TMANO
$\ln(y=e^{2x})$	$\ln(y=e^{-2x})$	$\ln(y=e^x)$	$\ln(y=e^{-2x})$	D	TMA3
$\ln(y=x^3)$	$\ln(y=e^{-3x})$	$\ln(y=e^{-3x})$	$\ln(y=3e^x)$	A	TMA3
$\ln(y=\frac{1}{x})$	$\ln(y=-Ae^{x^2})$	$\ln(y=\frac{1}{x})$	$\ln(y=Ae^{x^2})$	A	TMA3
$\ln(y(x)=Ax^2)$	$\ln(y(x)=\frac{1}{x})$	$\ln(y(x)=Ax)$	$\ln(y(x)=Ax^C)$	C	TMA3
$\ln(y(x)=Ae^x)$	$\ln(y(x)=A2e^x)$	$\ln(y(x)=Ae^x)$	$\ln(y(x)=x^C)$	C	TMA3
$\ln(y=Ax \cos x)$	$\ln(y=Bx \sin x)$	$\ln(y=Ax \cos x)$	$\ln(y(x)=\frac{1}{x})$	A	TMA3
$\ln(y=A x + B)$	$\ln(y=A \cos x)$	$\ln(y=A e^x)$	$\ln(y=A \cos x)$	C	TMA3
$\ln(e^{2x})$	$\ln(e^{-x^2})$	$\ln(e^{2x})$	$\ln(e^{-3x})$	B	TMA3
$\ln(xy^3)=$	$\ln(xy^3)=$	$\ln(y=x^2)$	$\ln(y=x^2)$	C	TMA3
$\ln(y=x^2)$	$\ln(y=Ae^x)$	$\ln(y=x^3)$	$\ln(y=x^{-3})$	D	TMA3