TYBCOM Excel Practical 3

Q1. A] Financial Functions (Write with purpose and syntax only).

1. **FV**
2. **PV**
3. **PMT**
4. **PPMT**
5. **IPMT**
6. **NPER**
7. **RATE**

B] Maths and Stats functions (Explain with purpose, syntax, example and output).

1. **ROUND**	5. **FLOOR**	9. **MOD**	13. **COUNT**
2. **ROUNDDOWN**	6. **INT**	10. **SQRT**	14. **AVERAGE**
3. **ROUNDUP**	7. **MAX**	11. **ABS**	
4. **CEILING**	8. **MIN**	12. **SUM**	

Q2. SOLVE FOLLOWING QUESTIONS:

Q1.

YEARLY PAYMENT		1000
YEARLY RATE OF INT		10%
PERIOD	5 YEAR	
PRESENT VALUE		100

FIND OUT FUTURE VALUE **:** **ANS WILL BE: ₹ -6,266.15**

Q2.

MONTHLY PAYMENT	1000
YEARLY RATE OF INTEREST	10%
PERIOD	5 YEAR
PRESENT VALUE	100

FIND OUT FUTURE VALUE **ANS WILL BE : ₹ -77,601.60**

Q3.

MONTHLY PAYMENT	1000
PERIOD	5 YEAR
PRESENT VALUE	100
FUTURE VALUE	₹ -77,601.60

FIND OUT YEARLY RATE OF INT. **Ans will be : 10.00%**

Q4.

MONTHLY PAYMENT	1000
PRESENT VALUE	100
FUTURE VALUE	₹ -77,601.60
YEARLY RATE OF INT	10%

FIND OUT PERIOD IN YEARS : **ANS WILL BE : 5**

Q5.

MONTHLY PAYMENT	1000
PERIOD	5 YEARS
FUTURE VALUE	₹ -77,601.60
YEARLY RATE OF INT	10%

FIND OUT PRESENT VALUE : **ANS WILL BE : 100**

Q6.

MONTHLY PAYMENT	1000
PERIOD	5 YEARS
FUTURE VALUE	₹ -77,601.60
RATE OF INT YEARLY	10%
PRESENT VALUE	100

FIND OUT PAYMENT ON THE PRINCIPAL **ANS WILL BE : ₹ 1,034.61**

FIND OUT INTEREST PAYMENT **ANS WILL BE : ₹ -34.61**

Q7. CALCULATE DEP. USING SLM METHOD (USE ABSOLUTE CELL REFERENCE)

	A	B	C	D
1	VALUE	100000	YEAR	DEP (SLM)
2	RATE OF DEP	10%	1	
3	YEARS	5	2	
4			3	
5			4	
6			5	

Q7. CALCULATE DEP. USING SLM METHOD (USE ABSOLUTE CELL REFERENCE)

	A	B	C	D	
1	VALUE	100000	YEAR	DEP (SLM)	WDV
2	RATE OF DEP	10%	1		
3	YEARS	5	2		
4	SCRAP VALUE	10000	3		
5			4		
6			5		

Q8. CALCULATE DEP. USING RBM METHOD AND WDV.

	A	B	C	D	
1	VALUE	100000	YEAR	DEP (RBM)	WDV
2	RATE OF DEP	10%	1		
3	YEARS	5	2		
4			3		
5			4		
6			5		

Q9. FIND OUT TOTAL OF BEST 5 MARKS.

	A	B	C	D	E	F	G	H
1	**NAME**	**SUB1**	**SUB2**	**SUB3**	**SUB4**	**SUB5**	**SUB6**	**TOTAL**
2	AJAY	85	45	54	54	54	35	
3	MANGESH	54	74	85	74	25	65	
4	RAJESH	62	65	65	65	35	85	
5	RAJ	32	85	84	95	85	52	
6	PAVAN	42	35	65	65	95	64	

Q10. CALCULATE SIMPLE INTEREST AND COMPOUND INTEREST FOR GIVEN PERIOD IN E AND F COLUMN.

	A	B	C	D	E	F	G
1	**NAME**	**P. AMT.**	**RATE OF INT.**	**TIME**	**COMPOUNDING PERIOD**	**SI**	**CI**
2	AJAY	5000	2%	2	12		
3	MANGESH	6000	10%	3	12		
4	RAJESH	7000	5%	4	12		
5	RAJ	4500	6%	2	12		
6	CI=A-P	A=P*(1+R/N)^NT					
	A=TOTAL AMOUNT AFTER TIME, P=PRINCIPAL AMOUNT, N=NUMBER OF TIMES THE INTEREST IS COMPOUNDED PER YEAR, R=RATE OF INTEREST, CI=COMPOUND INTEREST EARNED, T FOR WHICH DEPOSIT IS KEPT.						

Q11. THE FOLLOWING DATA HAS BEEN ENTERED IN A WORKSHEET. FIND OUT TOTAL, MIN, MAX AND AVERAGE RESPECTIVELY IN ROWS.

	A	B	C	D
1	**ITEM NO.**	**1980**	**1985**	**1990**
2	410	375	400	300
3	100	150	200	100
4	110	200	250	170
5	109	175	200	155
6	**TOTAL**			
7	**MIN**			
8	**MAX**			
9	**AVG**			