

KENDRIYA VIDYALAY, NDA, PUNE-23

PERIODICAL TEST - II 2018-19

MARKING SCHEME

Class: 10

Sub: Maths

MM- 80

Q.1.	18000 -----1m
Q.2.	ax^3+bx^2+cx+d
Q.3.	D=0 K=1/8 -----1m
Q.4.	d=6 -----1m
Q.5.	Abscissa -----1m
Q.6.	$\sin\theta = 15/17$ ---1/2 m $\tan\theta = 15/8$ -----1m
Q.7.	Steps -----1 ½ m HCF= 4 -----1/2 m
Q.8.	Steps-----1m m=-1----1m
Q.9.	Steps ---1/2m Correct answer 1/2m each
Q.10.	Given, to prove &diagram ----1m Proof -----1m
Q.11.	Steps ---1/2m Correct answer 1/2m each
Q.12.	Steps ---1m x= 13 &14 ---1m
Q.13.	Correct steps ----- 3m
Q.14.	Zeroes1m Sum of zeroes relation...1m Product of zeroes relation ---1m
Q.15.	Solution wit graph ---2m Vertices of triangles ----1m
Q.16.	Steps---2m Correct answer $3+\sqrt{19}/2, 3-\sqrt{19}/2$ ----1m
Q.17.	d=-3-----1/2m n=35-----1 ½ m $a_8 = 0$ ---1m
Q.18.	Given, to prove &diagram ----1m Proof -----2m
Q.19.	Steps ----2m Correct answer ---1m
Q.20.	correct answer 1m each
Q.21.	Steps ---2m Ratio= 2:7-----1m

Q.22.	Steps all sides equal.....2m Diagonals equal ...1m
Q.23.	Correct division ----2 m Factorization ----2 m
Q.24.	Steps ----3m $X=3,y=2$ -----m
Q.25.	Steps-----3m Answer $x=6,y=4$ -----1m
Q.26.	Correct verification wit steps.....4m
Q.27.	Steps with $d=10$2m Correct substitution and $a_{20}=200$2m
Q.28.	Steps ----2m Correct verification---2m
Q.29.	Correct steps-----3m 40km/hr-----1m
Q.30	Given, to prove &diagram ----1m Proof -----3m