

KENDRIYA VIDYALAYA, NDA, PUNE 23

PT 2 Marking Scheme 2018-19

Class : 9

Sub : Maths

MM-80

Q.1.	$4x + 0y = 3$ ----- 1m
Q.2.	$7\sqrt{2} - 2\sqrt{3}$ ----- 1m
Q.3.	$(x+5)(x-5)$ -----1m
Q.4.	I quadrant and III quadrant -----1m
Q.5.	$K = 8$ ----1m
Q.6.	Rectangle -----1m
Q.7.	For each correct rational no. 1m each
Q.8.	Steps -----1m $\angle B = 45^\circ$ ---1m
Q.9.	$x = 37^\circ$ --1m $Y = 53^\circ$ ---1m
Q.10.	Steps -----1m $3 + 2\sqrt{2}$ -----1m
Q.11.	Given, to prove & diagram ----1m Proof -----1m
Q.12.	Correct use of identity ----1m Correct answer ---1m
Q.13.	Given, to prove & diagram ----1m Proof -----2m
Q.14.	Correct solution ---1m each
Q.15.	Correct identity ---1m Correct expansion and answer----1m each
Q.16.	Steps ----2m $a = 2$ -----1m
Q.17.	Steps -----2m $233/990$ -----1m
Q.18.	Given, to prove & diagram ----1m Proof -----2m
Q.19.	Correct position ----- ½ m each
Q.20.	Correct identity ---1m Steps and substitution -----1m $Xy + yz + zx = 40$ -----1m
Q.21.	Given, to prove & diagram ----1m Proof -----2m
Q.22.	Given, to prove & diagram ----1m Proof -----2m
Q.23.	Axes-----1/2 m Scale-----1/2m Correct plotting of points2m Correct coordinate of fourth vertex-----1m
Q.24.	Axes-----1/2 m ,Scale-----1/2m ,Correct three solution.....1m Correct plotting of points and line- , and coordinate of points -----2m

Q.25.	Given, to prove &diagram ----1m Proof -----3m	
Q.26.	(i) steps and $(x-1)(x+3)(x-3)$ -----2m (ii) steps and $(x-5)(2x+3)$ -----2m	
Q.27.	Steps -----3m 10 ----1m	
Q.28.	Given, to prove &diagram ----1m Proof -----3m	
Q.29.	Given, to prove &diagram ----1m Proof -----3m	
Q.30	(i)Steps -----1m Correct answer $x=50^\circ$ ---1m	(ii) steps -----1m $ABC=60^\circ, ACB=110^\circ$ ----1m