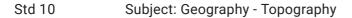
The Brigade School Unit Test 1 (2020-21)

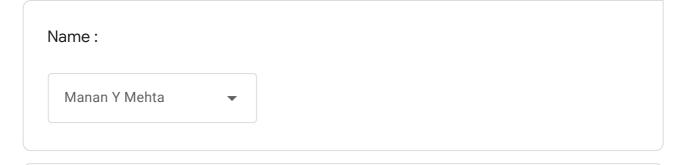
Total points 7/10

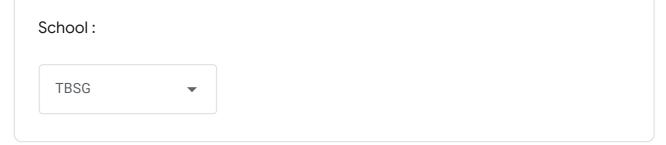


Max Marks 10



0 of 0 points





Topo Sheet UnitTest 1

7 of 10 points

Total 10 Questions Max Marks 10 Map Details: Refer Page No 17 CANDID - Maps and Toposheets [Sheet No 45 D/7 Appendix 6]



✓	Q1 a) The colour used in a Topo map for cultivable land is *	1/1
\bigcirc	Green	
0	White	
0	Blue	
•	Yellow	✓
×	Q1 b) A dome-shaped hill (like the top half of a sphere) has a *	0/1
	Concave slope	×
0	Steep slope at the top and gentle slope at the bottom of the hill	
0	Convex slope	
Corre	ect answer	
•	Convex slope	
×	Q1 c) What are the thick brown bands seen in the southern region of the map extract? *	9 0/1
×		e 0/1
	map extract? *	
	map extract? * Contours	
 	map extract? * Contours Sand Bars	
 	map extract? * Contours Sand Bars Dry rivers	



✓ Q1 d) The RF Scale given in your map extract is *	1/1
2cm to 1km	
500m to 1cm	
1:50,000	✓
X Q1 e) If contour lines are all equally far apart on one side of a hill, it indicates *	0/1
A steep slope	×
A convex slope	
A concave slope	
A gentle slope	
Correct answer	
A gentle slope	
✓ Q1 f) What is 12r in grid ref 9878? *	1/1
It is the relative height of sand dune which is 12m.	×
Correct answer	2
12r is written next to a sand bar. Hence it means that the height of the sand bar is 1 metres.	
12r is written next to a sand bar. Hence it means that the height of the sand bar is 1	1/1

Q1 h) Find the 6-Fig Grid Reference of the point of confluence (meeting 1/1 point) of the blue streams of Balaram Nadi and Banas river. *

 $97_81_$; $(0.4 \times 10)/2 = 2$; $(0.7 \times 10)/2 = 3$; 6-figure grid reference is 972813

X

Correct answer

973812

Q1 i) Find the Cart track distance from Antroli to Bantawada *

1/1

Thread length = 11 cm; 2 cm is 1 km, so 11 cm is = 5.5 km



Correct answer

Thread length=10.2cm Distance = 5.1cm [Using verbal scale 2cm to 1km]

Individual feedback

Read the correct answer as 5.1km instead of 5.1cm. Too much deviation. That can happen if String is very slack during tracing the path on the map and very tight when measuring on the scale. More Accuracy required in thread length measurement

Q1 j) Find, in sq.km., the area of the region enclosed between Eastings 69 1/1 to 75 and Northings 27 to 35. *

Easting Difference = $75 - 69 = \Delta E = 6 \text{ km}$; Northing Difference = $35 - 27 = \Delta N = 8 \text{km}$; Area = $\Delta E \times \Delta N = 6 \times 8 = 48 \text{ km.sg.}$



Correct answer

 $\Delta E = 75-69 = 6 \text{ (6km) } \Delta N = 35-27 = 8 \text{ (8km) Area} = \Delta E \times \Delta N = 6 \text{km} \times 8 \text{km} = 48 \text{ sq.km}.$

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