

# The Brigade School Unit Test 1 (2020-21)

Total points 7/10 ?

Std 10

Subject: Geography - Topography

Max Marks 10

Email address \*

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0 of 0 points

Name :

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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

- ☐ Green
- ☐ White
- ☐ Blue
- ☒ Yellow



✗ Q1 b) A dome-shaped hill (like the top half of a sphere) has a \*

0/1

- ☒ Concave slope
- ☐ Steep slope at the top and gentle slope at the bottom of the hill
- ☐ Convex slope



Correct answer

- ☒ Convex slope

✗ Q1 c) What are the thick brown bands seen in the southern region of the map extract? \*

0/1

- ☒ Contours
- ☐ Sand Bars
- ☐ Dry rivers



Correct answer

- ☒ Sand Bars



✓ Q1 d) The RF Scale given in your map extract is \*

1/1

- ☐ 2cm to 1km
- ☐ 500m to 1cm
- ☒ 1:50,000



✗ 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

12r is written next to a sand bar. Hence it means that the height of the sand bar is 12 metres.

✓ Q1 g) Find the 4-Fig Grid Reference of village Rampura \*

1/1

9580



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

97\_81\_ ;  $(0.4 \times 10)/2 = 2$  ;  $(0.7 \times 10)/2 = 3$  ; 6-figure grid reference is 972813



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 =  $75 - 69 = \Delta E = 6$  km ; Northing Difference =  $35 - 27 = \Delta N = 8$  km ;  
Area =  $\Delta E \times \Delta N = 6 \times 8 = 48$  km.sq.



Correct answer

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

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