**RAMAKRISHNA SARADA MISSION VIVEKANANDA VIDYABHAVAN**

**GEOGRAPHY HONOURS\_SEMESTER - II**

**CLASS TEST : CC3 & CC4**

**FULL MARKS – 20**

**TIME – 1 hr.**

**DATE – 11.08.2023**

**GROUP A**

**(Answer any five of the following questions) 2x5 = 10**

**1. What do you mean by ‘nuclei’ in Multiple Nuclei Theory?**

**2. Define Rural Settlement.**

**3. What do you mean by ‘morphology of settlement’?**

**4. Describe any two problems of Eskimo tribe.**

**5. What is the temporary adjustment of a Theodolite?**

**6. What is ‘Line of collimation’?**

**7. Which instruments are used in a Theodolite survey?**

**8. What is the difference between a transit & non-transit theodolite?**

**GROUP - B**

**(Answer any one of the following questions) 5x1 = 5**

**9. What are the reasons for the formation of agglomerated settlement?**

**11. What are the advantages & disadvantages of a Bar Graph?**

Question no. 12 is mandatory. **5 marks**

**12. Determine the height of a tower and the slanting distance between the object and station of observation with the help of the data given in the table below:**

| **Ins. at** | **Object** | **Face** | **Staff Reading in mt** | **Vertical Circle reading** | **Mean angle** | **Remarks** |
| --- | --- | --- | --- | --- | --- | --- |
| **US** | **MS** | **LS** | **VC** | **VD** |
| **A** | **D (Top of a tower)** | **Left**  | **1.80** | **1.55** | **1.0** | **21°30´** | **21°30´** |  | **Base accessible. BM of the base of the object = 20 mt.** |
| **Right** | **1.80** | **1.55** | **1.0** | **21°28´** | **21°28´** |

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