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**CE 8351 Surveying**

**Important 2mark Questions**

**Unit I**

1. Define an “agonic lines”.
2. Write the principle of surveying.
3. Convert the whole circle bearing to quadrantal bearing
  - (a)  $170^{\circ} 12'$
  - (b)  $211^{\circ} 54'$

**Unit II**

1. Write the advantages of measuring horizontal angle by repetition method.
2. What is the basic principle followed in stadia method?
3. What are the factors on which the choice of contour interval depends?

**Unit III**

1. Differentiate between Laplace station from satellite station.
2. What do you understand by horizontal control? What are different methods of establishing a horizontal control?
3. What are different types of errors in surveying measurements? Give one example of each.

**Unit IV**

1. Name the factors to be considered in the selection of a discharge site.
2. What is the relation between the Right ascension and Hour angle?
3. What are the various operations conducted in Hydrographic surveying?

**Unit V**

1. Bring out the temporary adjustments of a total station.
2. List the advantages of GPS surveying.
3. Write about the maintenance of Total Station equipment.