

## QUESTION BANK OF MINE SURVEY-2

Define Tacheometry surveying?
What is stadia rod?
What is the primary objective of tacheometry surveying?.
What is the name of instrument used in tacheometry surveying?
State Stadia system of tacheometry?
Define Fixed hair method?
Define movable hair method?
What is tangential method?
Write (any two) advantages of tacheometry surveying?.
Write instrumental error in tacheometry ?
Write error due to natural causes in tacheometry survey?
Define Traingulation survey?.
Write classification of triangulation.
What is reconnaissance survey?
What correlation survey?
Define direct traversing via mine entry?
State (any two) criteria for selection of triangulation systems?
What is optical method?
Define weissbach triangle method?
Define Tape triangulation .
Define GPS system?
Define control segment in GPS system.
Define total station?.
Define simple curve.
What is compound curve.
What is reverse curve.
Write types of curve.
What is Super elevation?
What is transistion curve?
<u>Define</u> Vertical curves.
Define correlation survey.
Determine stope face?
Define ape triangulation?
Write (any two)purposes of triangulation?



With neat sketch write measuring vertical angles in theodolite.
Describe “to measure horizontal angle by Repetition method?”
Define EDM?State construction of triangulation station of permanent nature?
Define curves? Write classification of curve & explain all.
Describe with neat sketch Rankine’s method of tangential angle(one theodolite)?
State & explain two theodolite method.
Define Tacheometry?Describe different methods of tacheometry?
Define triangulation.State principle purposes& classification of triangulation?
Write criteria for selection of triangulation stations?
With neat sketch write measuring vertical angles in theodolite.
Describe “to measure horizontal angle by Repetition method?”
Define EDM?State construction of triangulation station of permanent nature?
Define curves? Write classification of curve & explain all.
Describe with neat sketch Rankine’s method of tangential angle(one theodolite)?
State & explain two theodolite method.
Define transition curve?Explain it’s types of vertical curves with neat sketch?
What is correlation.Explain “single wire in two vertical shaft”?
Explain precise magnetic correlation method & procedure advantages and disadvantages?
Determine stope face?State preparation of stope plane plotting the stope station & plotting of stope face to the mine plain?.

Describe GPS system & it's types?

Describe briefly about DGPS?