

1ST INTERNAL EXAMINATION-2024-25(SUMMER)

SUBJECT : – LAND SURVEY -II

BRANCH :- CIVIL ENGG.

SEMESTER - 6

TIME-1HR

[F.M.-20]

-: ANSWER ALL QUESTIONS:-

Q-1 Answer the followings...

[2X5=10]

- (a) Define curve ?
- (b) What is the difference between compound curve and reverse curve ?
- (C) Explain transition curve with neat sketch ?
- (d) What is stadia constant and additive constant?
- (e) What is map ?

Q:-2

[10

MARK]

Answer the the following questions

Two tangents PQ and QR are intersects at appoint “Q” of change 150.5m . Calculate all the necessary data for setting out a circular curve of radius 100m. and deflection angle 30° ,by the method of offset from long chord .