

Scheme of Examination for Extensive Survey Project/Camp (15CVP68)

Examination Marks = 80

Part A – Design of components of projects (consisting of two designs) carried out: 60 Marks

- (1) The design steps and procedure for one of the following components may be asked: **25 Marks**
 - (a) Design of Canal Drop
 - (b) Design of Tank sluice
 - (c) Design of Surplus weir with apron

- (2) One of the following components may be asked to design (the data shall be given during the examination) : **25 Marks**
 - (a) Earthwork calculation given the RLs and cross-section of road
 - (b) Population forecasting
 - (c) Design of simple horizontal curve
 - (d) Design of transition curve
 - (e) Design of vertical curve
 - (f) Design of pump
 - (g) Design of pipe
 - (h) Design of sedimentation tank
 - (i) Design of filter
 - (j) Design of oxidation pond
 - (k) Design of canal

Part B – Presentation and Viva-voce: 30 Marks