



SRINIX COLLEGE OF ENGINEERING

2nd INTERNAL EXAMINATION-2020

Subject-**BASIC CIVIL ENGINEERING**
Branch-**CIVIL/MECHANICAL/EE (Sec-A)**
Mark-**100**

SEM-2nd
Full

ANSWER ANY TWENTY QUESTIONS (PART-A)

[2X20]

- 1) (a) Define local attraction.
- (b) Write down components of a building.
- (c) What are the different type of foundations?
- (d) Define irrigation.
- (e) Write down the example of modern surveying instruments.
- (f) Full form of EDM is
- (g) What are the instruments of chain surveying?
- (h) According to unified soil classification silt is denoted as.....
- (i) Nominal size of brick is -----
- (j) Draw the ray diagram of channel irrigation.
- (k) Define a hydraulic structure.
- (l) What is the initial and final setting time of opc?
- (m) What are the different type of deep foundation?
- (n) Write down the importance of civil engineering.
- (o) Define pile foundation.
- (p) What are the modes of transportation engineering?
- (q) Define soil engineering.
- (r) Define void ratio.
- (s) The soil transported by air is known as.....
- (t) Draw the diagram of soil in flocculent structure.
- (u) Write down the formula to calculate included angle in surveying.
- (v) Draw the diagram of strap footing.

- 2) (a) What do u mean by workability and explain slump test.
(b) Explain the preliminary soil classification.
(c) Differentiate between direct ranging and indirect ranging.
(d) Explain isolated footing.
(e) Define total station and explain the principle of total station.
(f) Explain siphon hydraulic structure.
(g) Explain planning and designing aspects of transportation engineering.
(h) Explain road transport and rail transport.
(i) Explain geological soil classification.
(j) Explain rail engineering.
(k) Explain combined footing.
(l) Define stone masonry and its types.

N.B.- Submit your answer sheet in the given below E-mail id

E-mail id- sarjita17@gmail.com