

<p style="text-align: center;">PEOPLE'S EDUCATION SOCIETY'S P. E. S. COLLEGE OF ENGINEERING NAGSENVAN (An Autonomous Institute) CHH. SAMHAJINAGR Regular Winter Examination-2025</p> <p>Course: F.Y. B. Tech Branch: (CSE, DS, EE) Semester : I Subject Code & Name: BTPESA105T Fundamental of Civil Engineering Max Marks: 30 Date:- / 0 /26 Duration:- 2 Hr.</p>			
Marking Scheme			
		Marks	Marks
Q.1	Solve any Five of the Following.		2X5=10
A)	Enlist different types of Bonds used in Brick Masonry	Four Types -2 Marks.	2
B)	What are the Proportion used in concrete and mortar	Each Proportion 1 Marks.	2
C)	Enlist different branches of civil engineering	Any Four branches -2 Marks.	2
D)	Enlist different type of material used in construction	Four Material -2 marks	2
E)	State Function Of foundation	Min. Four Function-2 Each carry Half Marks	2
F)	State principles of surveying	Two Principle.- Each carry one mark	2
G)	What is load Bearing Structure	Definition-2	2
Q.2	Solve any two of the Following		10
A)	Explain Raft Foundation In detail with neat sketch.	Properties -3 Function -2	5
B)	Draw a cross-section of Load bearing wall	Figure-,2 Components-2 Dimensions-1	5
C)	Explain timber in details	Figure-2 Explanataion-3 (Construction, Function)	5
Q.3	Solve any two of the Following		10
A)	Explain Brick in detail	Figure-1	5

		Explanataion- (Construction,-1 Function-1 Properties-2)	
B)	What are different types of Stone masonry? Explain any one	List-2 Figure-1 Explanataion-2 (Construction Method-1 Use-1)	5
C)	What are the instrument used for chaining. Explain in detail?	List-2 Figure-1 Explanataion-2	5
	*** End ***		