

Name: _____

Date: _____

Forces Acting on Structures



external force

internal force

shear torsion

compression

foundation

earthquake

suspension

structure

hurricane

dead load

live load

triangle

tsunami

tornado

dynamic

tension

gravity

static

frame

flood

cable

truss

force

arch

beam

pull

push

F B X K Y I B M G Q O D A N R O T S O N N C Y X
J J I T E X T E R N A L F O R C E R S S U R T J
J Y D J N D O F C A B L E F O R C E Z G N A U K
K V U K I O C V R L W E C R O F L A N R E T N I
O T Y H Y O C C Z A H H G V U N D S Z V Y O Z V
A K X O A L R P Y U M N N G N M G K D W O D Q O
K H U U H F N F R N C E V L R O V T P T D O J A
R J K X M O I R E W Q P F Q F H I D H E D D E D
X M I N I E I B C C X K A U K W M T A W Q W E Y
S L D J B C F B D A O L E V I L C W A Q N L V I
H B N N A Z E A R T H Q U A K E P M K D G O U Q
E J K N C I M A N Y D H B C G L L I Q N N L E Z
A W E H B C S Z M D E R F W L R Z R A V G U C C
R S C A V H R S E R U N L A I B R I Y O D K O L
T U D O N S M V T G Y Q V N E Z R O J S N J L F
O S F A M U J Z B R R F Q E E T O S S M Y U A T
R P P C O P E C D S U A M U G S X T J B P P W E
S E R A R L R B E A M C V G O E O A T O G R W N
I N K F R N D E V H H X T I D Q Y T S U G A A O
O S Q N B C P A S U V A R U T O I I U N Y B R I
N I L Z I K H R E S P O T W R Y V C N C Z K M S
A O Z A U U G U X D I Q O X Q E I J A Z C E E N
Y N Q A H U G Z I A Y O L F V P R V M H R H N E
V Q Z S F L W V U R R B N V M Z C K I F Z K I T