|  |  |
| --- | --- |
| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

Engineering Structures

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

   adhesive       alloy       aluminium       arch       beam       brazing       bridge       brittleness       cablestayed       CAD       cantilever       compression       construction       copper       ductile       dynamic load       engineering       ferrous       Forces       fusible       gold       industry       iron       magnesium       malleable       materials       metal       metal ore       mined       mixture       nail       non ferrous       permanent joint       properties       pure metal       riveting       safety       sections and beams       soldering       static       steel       struts       suspension       tempering       temporary joint       tensile strength       toughness       truss       welding       zinc