

## TOP 20 BASIC CIVIL ENGINEERING INTERVIEW QUESTIONS AND ANSWERS 2020

**Q.1) What is the Unit Weight of concrete?**

As per IS: 456-2000 Unit weight of Plain cement concrete is 24KN/m<sup>3</sup> and Reinforced cement concrete is 25KN/m<sup>3</sup>.

**Q.2) Which is the world's tallest man-made structure ?**

World's tallest man-made structure is the Burj Dubai which stands at Approx. 830 meters tall.

**Q.3 ) What are the steps involved in the concreting process, explain?**

steps involved in the concreting process are :

1. Batching
2. Mixing
3. Transporting and placing of concrete
4. Compacting.

**Q.4) What are the Nominal Concrete Mix proportions for different grades ?**

Nominal mix concrete used for concrete of M-20 or lower.

M5- 1:5:10, M7.5- 1:4:8, M15- 1:2:4, M20-1:1.5:3

**Q.5) What is ductility?**

Ductility is the Ability to deform under tensile stress.

**Q.6) How do you find the weight of steel bar used in reinforcement?**

Weight of Bar in kg/m =  $D^2 / 162.2$  [ D-Diameter of bar in mm ]

**Q.7) What's the difference between one-way slab and two-way slab?**

One way slab: Ratio of Longer Span / Shorter span > 2

Two way slab: when the Ratio of Longer span / shorter span <= 2

**Q.8) What is flat slab ?**

The slab which is supported on columns (Flat slab don't have beams)

**Q.9) What's the length of rise and tread in Stair case?**

Rise – 150mm to 200mm, Tread – 250mm to 300mm

**Q.10) What is Difference Between Engineering Stress And True Stress?**

At any load, the engineering stress is the load divided by this initial cross-area. . At any load, the true stress is the load divided by the cross-area at that instant.

# Basic Civil Engineering Interview Questions Answers

**Thomas Griffiths**



## **Basic Civil Engineering Interview Questions Answers:**

**5000 MCQ: Civil Engineering For UPSC GATE/PSUs Exams** R P Meena, 5000 MCQ Civil Engineering For UPSC GATE PSUs Exams The first Edition of Civil Engineering Contains nearly 5000 MCQs which focuses in depth understanding of subjects at basic and Advanced level which has been segregated topic wise to disseminate all kind of exposure to Students in terms of quick learning and deep preparation The topic wise segregation has been done to Align with contemporary competitive examination Pattern Attempt has been made to bring out all kind of probable competitive questions for the aspirants preparing for GATE PSUs and other exams The content of this book ensures threshold Level of learning and wide range of practice questions which is very much essential to boost the exam time confidence level and ultimately to succeed in all prestigious engineer s examinations It has been ensured to have broad coverage of Subjects at chapter level While preparing this book utmost care has been taken to cover all the chapters and variety of concepts which may be asked in the exams The solutions and answers provided are upto the closest possible accuracy The full efforts have been made by our team to provide error free solutions and explanations Dear Civil Engineering students we provide Basic Civil Engineering multiple choice questions and answers with explanation civil objective type questions mcqs download here These are very important Helpful for campus placement test semester exams job interviews and competitive exams like GATE IES and PSU NET SET JRF UPSC and diploma Especially we are prepare for the Civil Engineering freshers and experienced candidates these model questions are asked in the online technical test Quiz and interview of many companies These are also very important for your lab viva in university exams like RTU JNTU Andhra OU Anna University Pune VTU UPTU CUSAT etc 5000 MCQ Civil Engineering For UPSC GATE PSUs Exams

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**The Street Railway Review** ,1891      **Water & Sewage Works** ,1908 Vols 76 include Reference and data section for 1929 1929 called Water works and sewerage data section      **Artificial Intelligence Applications in Civil and Structural Engineering** B. Kumar,B. H. V. Topping,1999 Contains a selection of papers presented at The Fifth International Conference on the Applications of Artificial Intelligence to Civil and Structural Engineering held from 13 15 September 1999 at Oxford England      **Aslib Proceedings** ,2012

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