

## 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

**Lingsheng Yao**



## **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 [How To Do Well In Gds And Interviews](#) Time,2008-09 The book is the culmination of years of experience of a dedicated team of experts at the Triumphant Institute of Management Education T I M E Pvt Ltd an institute that has helped students in achieving their goal of making it into the IIMs and other premier B schools in the country over the last 13 years No other work on GDs and interviews is as comprehensive and path breaking as the one in your hands Features includes What do moderators look for in the GDs How does one prepare for GDs How does one score more points in a GD How does one steer clear of the distractions during the course of a GD How does one grab the initiative of others while guarding one s own What do interviewers look for How does one double one s chances of selection How does one make a stress interview stress free *Air Force Civil Engineer* ,1964 **Air Force Engineering & Services Quarterly** ,1984 *Knowledge Acquisition in Civil Engineering* Tomasz Arciszewski,Lewis A. Rossman,1992 A comprehensive view of knowledge acquisition in civil engineering reflecting both recent theoretical developments in computer science as well as the practical experience gained by civil engineers building expert systems in the past few years Includes a ten page annotated bibliography Annotation copyright Book News Inc Portland Or **Civil Engineer's Illustrated Sourcebook** Robert O. Parmley,2003-03-04 PUT A WEALTH OF INFORMATIVE ENGINEERING INFO RIGHT AT

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