



R-6703
B. Arch. III (Sem. V) Examination
May / June - 2010
Specification (AR-505)

Time : 2 Hours]

[Total Marks : 50

Instruction :

<p>नीचे दशावेल निशानीवाणी विगतो उत्तरवही पर अवश्य लખवी. Fillup strictly the details of signs on your answer book.</p> <p>Name of the Examination : B. Arch. 3 (Sem. 5)</p> <p>Name of the Subject : Specification (AR-505)</p> <p>Subject Code No. : 6 7 0 3 Section No. (1, 2,.....) : Nil</p>	<p>Seat No. : <input type="text"/><input type="text"/><input type="text"/><input type="text"/><input type="text"/><input type="text"/></p> <div style="border: 1px solid black; border-radius: 15px; padding: 10px; text-align: center; margin-top: 10px;">Student's Signature</div>
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- 1 Attempt any five out of seven : 5×2=10
True or False :
- (1) Mode of measurement is part of specification.
 - (2) IS standards are part of specification.
 - (3) Measurement sheet is part of specification.
 - (4) For first class construction one has to use third class bricks.
 - (5) LEED is an organization known as leadership in energy and environment design which helps in material and construction rating.
 - (6) Architectural coatings are limited to not more than 250 g/l.
 - (7) The binder is the nonvolatile part of paint or coat.
- 2 Both questions are compulsory question : 7+8=15
- (a) Explain in detail lump sum contract, Item rate contract square meter based contract. 7
 - (b) Discuss the minimum specification guidelines in outline for class II construction from foundation of D.P.C. superstructure, roofing, flooring, wall finish frames for doors and windows. 8

3 Attempt any **four** out of the **five** given : **4×5=20**

- (1) What are the merits and demerits of lump sum contract? Discuss.
- (2) What is meant by specification writing ? What are the different styles of writing the specification ? Discuss in brief.
- (3) What is the importance of specification in material quality control and estimation, explain with examples ?
- (4) What is the importance of mode of measurement in contract document ?
- (5) What is the benefit of the term "equivalent" in contract?

4 Attempt any **five** out of **seven** : **1×5=5**

Fill in the blanks :

- (1) Lump sum is an important type of _____ document.
 - (2) Technical _____ are termed as detailed specifications also.
 - (3) Types of tenders are _____, _____, _____, _____.
 - (4) Detailed specification comprises of specification for _____, _____, And _____.
 - (5) Earnest money deposit is usually _____ percentage of estimated cost.
 - (6) Retention money is usually _____ percentage of tender amount.
 - (7) For first class construction one has to use _____ class of bricks.
- _____