



R-6703

B. Arch. III (Sem. V) Examination

May / June - 2010

Specification (AR-505)

Time : 2 Hours]

[Total Marks : 50

Instruction :

नीचे दृशविले निशानीवाणी विगतो उत्तरवडी पर अवश्य लभवी. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/>
B. Arch. 3 (Sem. 5)	<input type="text"/>
Name of the Subject :	<input type="text"/>
Specification (AR-505)	<input type="text"/>
Subject Code No. : <input type="text"/> 6 <input type="text"/> 7 <input type="text"/> 0 <input type="text"/> 3	Section No. (1, 2,.....): <input type="text"/> Nil
	Student's Signature

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.
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