



KD-8009

B. Arch. V (Sem. IX) Examination

December - 2012

AR - 904 : Construction Management

Time : 2 Hours]

[Total Marks : 50

Instructions :

(1)

नीचे दृष्टावेक निशानीवाणी विगतो उत्तरवही पर अवश्य कपवी. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/>
<input type="text" value="B. Arch. V (Sem. IX)"/>	<input type="text"/>
Name of the Subject :	<input type="text"/>
<input type="text" value="AR - 904 : Construction Management"/>	<input type="text"/>
Subject Code No. : <input type="text" value="8"/> <input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="9"/>	<input type="text" value="Student's Signature"/>
Section No. (1, 2,.....) : <input type="text" value="Nil"/>	

- (2) Use of non-programmable scientific calculator is allowed.
- (3) Draw neat sketches wherever necessary.
- (4) Attempt all questions.
- (5) Figures to the right indicate full marks.

1 Answer any FOUR of the following (08)

1. Importance of construction contracts.
2. What is a construction job layout.
3. What does it meant by the term "elasticity of demand"?
4. Differentiate between macro economics and micro economics.
5. Explain organization of a construction project management.
6. What are the advantages of network techniques over conventional techniques?

**2 What do you understand by PPP Model of construction contract? (12)
Enlist advantages of PPP model over conventional contract.
Enlist various types of PPP models and explain any one.**

OR

**2 Narrate different types of supply curves; define and explain (12)
briefly giving examples of each supply curve.**

- 3 A. **Solve the Following** (10)
For a small project of 7 activities, the details are given below. Draw the network and compute earliest occurrence time, latest occurrence time and find the critical activities and project completion time.

Sr.	Activity	Duration (Days)
1	0 – 1	4
2	1 – 3	8
3	1 – 2	10
4	2 – 3	7
5	1 – 4	12
6	3 – 4	10
7	4 – 5	6

- 3 B. **Attempt the following** (05)
A firm supplied 2500 pens at a rate of Rs. 12. Next month, due to rise in the price to Rs. 25 per pen the supply of firm increases to 5500 pens. Find the elasticity of supply and mentioned its type.

- 4 **Write note on any FIVE of following** (15)
1. Supply chain management.
 2. Globalization.
 3. Slack time of activity.
 4. Project feasibility study.
 5. Labour laws in India.
 6. Attributes of a project manager.