



RM-7661

B. E. - IV (Sem. VIII) (Civil) Examination

May / June - 2010

Professional Practice

Time : 3 Hours]

[Total Marks : 100

Instructions :

(1)

नीचे दशांशवैध निशानीवाणी विगतो उत्तरवही पर अवश्य लपवी. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/>
<input type="text" value="B. E. - 4 (Sem. 8) (Civil)"/>	<input type="text"/>
Name of the Subject :	<input type="text"/>
<input type="text" value="Professional Practice"/>	<input type="text"/>
Subject Code No. : <input type="text" value="7"/> <input type="text" value="6"/> <input type="text" value="6"/> <input type="text" value="1"/>	<input type="text"/>
Section No. (1, 2,.....): <input type="text" value="1&2"/>	<input type="text"/>
	Student's Signature

- (2) Attempt **all** the questions as per instructions given.
- (3) Write answers of respective sections **separately**.
- (4) Figures to the right indicate full marks.
- (5) Assume suitable data if required and state them clearly.

SECTION - I

- 1 (a) Enlist different types of tenders. Discuss unbalanced tender. 4
- (b) Sketch the flow diagram showing organisation set up of construction site. Discuss the scope, function and responsibilities of different professionals in construction industries. 6
- (c) Enlist the particulars provided in tender notice. Draft tender notice for the work of tunnel construction worth Rs. 4.5 crores of estimated cost. 7
- 2 (a) Enlist different types of contracts. Discuss any three contracts in detail. 7
- (b) Write a note on contract documents and enlist the contents. 7

OR

RM-7661]

1

[Contd...

- (b) Discuss special conditions of contract for civil works. 7
- (c) Explain the terms : (any **two**) 4
- (i) Secured Advance
- (ii) BOOT
- (iii) Earnest Money Deposit (E.M.D)
- 3** Attempt any **three** : 15
- (i) Discuss powers and duties of an arbitrator.
- (ii) Discuss the factors leading to development of disputes in execution of construction projects.
- (iii) Explain Fire Insurance and Fire Insurance policy.
- (iv) Discuss characteristics of easement.
- (v) Discuss modes of acquiring easement.

SECTION - II

- 4** (a) Define (any **three**) 12
- (i) Salvage value
- (ii) Annuity
- (iii) Valuation
- (iv) Freehold
- (v) Depreciation
- (b) Name the depreciation methods of valuation. Discuss sinking fund depreciation method.
- (c) Define years' purchase and factors affecting it.

OR

- (c) What is meant by single rate and double rate years' purchase.
- 5** (a) Work out the valuation of a 20 year old building located in Surat. Plinth area is 300 m² and life may be 100 years. All services such as water supply, drainage, electricity etc. assumed Rs. 3600/- per m².
- (b) An old building has been purchased by a person at the cost of Rs. 50,000/- excluding the cost of the land. Calculate the amount of the annual sinking fund if the rate of compound interest for sinking fund is 4%. Life of building is 30 years. Scrap value is 10% of cost of purchase.

- (c) A government employee having pay of Rs. 5000/- per month occupies government quarter of 120 m² plinth area. The construction cost including cost of services is Rs. 2000 per m². Calculate standard rent monthly payable. Rate of interest is 6% annum. Total outgoings =1/2%.

6 Attempt any **four** :

20

- (i) Discuss the main features of the system of accounts adopted by P.W.D.
 - (ii) Differentiate between standard measurement book and ordinary measurement book. Write the format of measurement book.
 - (iii) What is a patent? When should an application for a patent be filed?
 - (iv) What are the essential patent documents to be generated and submitted by a potential patentee?
 - (v) What is proprietorship, entrepreneurship and partnership?
 - (vi) Write difference between private and public limited company.
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