(170

S.E. CIVIL III CBGS BMC

27.11.15 QP Code: 5100

	(3 He	ours)	[Total Marks:80
Note:-	1. Question no. 1 compulsory.	2. Answer any three ques	
	3. If required, assume data but state them clearly	4. Attempt sub questions	
	5. Illustrate with neat sketches wherever required	6. Figures to right indicat	
			4
as a deali (b) E	You are the site in-charge of a quarry, where pre-requisite for removing stones. Formulating with explosives; to your supervisors, labinlist the ideal requirements of a formwork. Define building. Explain the functions of four	e a list of instructions to ours and public in proxi Discuss slip form-work	be given, while
2 (a) E	xplain with neat sketches:		1 0
N/	(i) Under-reamed pile foundation.		5
	(ii) Flemish bond.		[3
(b) W	Vrite short notes on:		[3
. ,	(i) Uses of non-ferrous alloys in construction	an:	rx.
	(ii) Form-work for beam.		[4
(c) E	nlist various materials used for damp-proofi	ng, Discuss methods of	[4] Water proofing
3 (a) St	ate functional requirements of flooring. Stat	e four market names of	flooring tiles. [6]
	rite short notes on:		
	(i) Prevention of accidents on site		[4]
(c) W	(ii) Storage of materials at site.		[4]
(0) 11	rite down the ideal requirements of a scaffo	d. Explain any one type	of scaffolding
in det	all.		[6]
4 (a) De	efine seasoning of timber. Explain, with near	sketches defects in tin	ther 101
(D) W	rite short notes on:		iber. [8]
(i) Design and materials used to overcome A	coustical Defects	[4]
(11) Glass fibre reinforced Plastics.		[4]
(iii) Construction requirement in Air Conditi	oning systems.	[4]
		176.16	[,]
J (a) WI	ite down engineering properties of:		
	i) Glass		[3]
(ii) Ceramic products iii) POP		[2]
			[2]
(U) LA	plain the following with neat sketches i) Beaded pointing		
	ii) Queen-post truss		[2]
	ii) Dots and screeds in plastering		[5]
(i	v) Blistering.		[4]
	-3.		[3]
(a)Writ	e what you mean by dressing of stones? Ex	olain with neat sketch "	Reticulated
rimish			167
(b) You	rare the building materials supervisor of a n	nass housing project. Di	[6]
CAN'T SPEC	noid tests you will belieffly to investigate the	ne desirable qualities of	basic
wante Cat Tit	is which are being supplied to voit site		r m m
(c) Con	npare hollow and solid concrete blocks w.r.t	size, shape, laving and	suitability. [5]
		F-17 S Id	Samuelly. [2]