

The core is the probe:

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MINISTERUL EDUCATIEI CERCETARII SI TINERETULUI UNIVERSITATEA TEHNICA "GH. ASACHI" IASI FACULTATEA DE CONSTRUCTII

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CONSTRUCTION MATERIALS

	1
a.	With regular geometric shape made before using the material;
b.	With regular geometric extracted from the construction element;
c.	With irregular geometric shape made before using the material;
d.	With irregular geometric shape extracted from the construction element;
e.	Does not refer to materials testing.
2.	The sample is:
a.	With regular geometric shape made before using the material;
b.	With regular geometric extracted from the construction element;
с.	With irregular geometric shape made before using the material;
d.	With irregular geometric shape extracted from the construction element;
e.	Does not refer to materials testing.
3.	The holocrystaline structure of the rocks consists of:
a.	Totally crystallized minerals;
b.	Crystallized minerals embedded in a glass mass;
с.	Amorphous minerals made of layered particles;
d.	Made of arranged particles;
е.	Made of unarranged particles.
4.	The hyaline structure of the rocks consists of:
a.	Totally crystallized minerals;
b.	Crystallized minerals embedded in a glass mass;
с.	Amorphous minerals made of layered particles;
d.	Made of arranged particles;

e. Made of unarranged particles.

5. The hypocrystaline structure of the rocks consists of:

- a. Totally crystallized minerals;
- b. Crystallized minerals embedded in a glass mass;
- c. Amorphous minerals made of layered particles;
- d. Made of arranged particles;
- e. Made of unarranged particles.

6. The granite is a:

a. Plutonic rock b. Hypoabisal rock c. Surface rock	d.	Volcanic rock	e.	Metamorphous rock
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7. The basalt is a:

a. Plutonic lock b. Hypoabisal lock c. Surface lock d. Volcanic lock e. Metamorphous lock	а.	Plutonic rock	b.	Hypoabisal rock	С.	Surface rock	d.	Volcanic rock	e.	Metamorphous rock
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8. The grit is obtained by:

a. One crushing b. Two crushing c. Th stage b. stages c. sta	ee crushing d. Grinding e. Only ges granulating
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9. Multisation process is associated with:

a.	Volume's	b.	Volume's	c.	No volume's	d.	Volume's increase function of the basic	e.	Volume's increase function of the
	ueclease		merease		mounneation		materials		temperature



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10.	Normal format bricks have the following dimensions:
a.	290x140x86 b. 290x115x63 c. 290x140x63 d. 240x140x63 e. 240x115x63
11.	The majolica is the ceramic:
2	White, fine b White, coarse c Colored, d Colored, coarse c Refractory fine,
а.	porous ^{0.} porous ^{c.} fine porous ^{d.} porous ^{c.} compact
12	The glass for windows is:
12.	Silico – cui la
a.	calco - b. $\frac{Silico - plumbo}{potencial}$ c. $\frac{Silico - plumbo}{d}$ d. $\frac{Silico - calco - e}{plumbical}$
	potasical - potasical - sourcal sourcal prunioical
13.	The steels are obtained by:
	Coarse steels Ferrous ores From gray From white Ferrous
a.	b. processing c. cast iron d. cast iron e. sulphates
	processing
14.	In OB37 symbol, 37 represents:
	The ductility The ductility limit The ductility The ductility The ductility
a.	limit in daN/cm^2 b. In cutoffinite c. limit in d. limit in e. limit in limit in dAN/cm^2 b.
	daN/cm ² N/mm ² daN/mm ²
15.	The construction lime is a:
1	unhydraulic unitary hydraulic unitary unhydraulic unitary
a.	inkerisated binder b. unclinkerisated c. clinkerisated d. unclinkerisated e. composite
	binder binder binder
16.	Hardening process of the lime is:
	Only a physical A crystallization A precipitation A physical drying
a.	b. carbonating c. from solutions d. from jells e. and carbonating
	process process process process
17.	Alit, by hydratation forms:
	Only Jell and Amorphous Fine
a.	crystalline b. structures c. crystalline d. structures e. suspensions
	structures structures
18.	Celite II, by hydratation forms:
a.	Only crystalline b. Only jell c. Jell and crystalline d. Amorphous Fine
	structures structures structures suspensions
19.	The expansion of the silicatic cement is cause of:
a.	Presence of the unburned basic materials;
b.	An inadequate grinding of the clinkers;
c.	A delayed crystallization of the hydrated compounds; Presence of the calcium and magnesium oxides in overhurned state:
e.	Forming of the expanded jells.
20.	The expansion of the silicatic cement is cause of:
1 9	Presence of the unpurned pastc materials.
a. b	An inadequate grinding of the clinkers:
a. b. c.	An inadequate grinding of the clinkers; A delayed crystallization of the hydrated compounds:
a. b. c. d.	An inadequate grinding of the clinkers; A delayed crystallization of the hydrated compounds; Presence of the calcium sulphates in excess;
a. b. c. d. e.	An inadequate grinding of the clinkers; A delayed crystallization of the hydrated compounds; Presence of the calcium sulphates in excess; Forming of the expanded jells.
a. b. c. d. e.	An inadequate grinding of the clinkers; A delayed crystallization of the hydrated compounds; Presence of the calcium sulphates in excess; Forming of the expanded jells.



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22.	The high	er har	dening heat in	1 detaine	d by:						
a.	C3A		b. C2S		c.	C4AF		d.	C2a	e.	CA4S
23.	The type	I cor	rosion is chara	acterized	l by:						
a.	Disolvation	b.	Levigation	c. 1	lizolv evigat	ation and	d.	dizoly the sc	vation and le	evigation o	f e. expansion
24.	The type 1	II cor	rosion is chara	cterized	by:						
a.	Disolvation	b.	Levigation	c. 1	lizolva evigat	ation and	d.	dizoly the sc	vation and le	evigation o	f e. expansion
25.	25. The typul III corrosion is characterized by:										
a.	Disolvation	b.	Levigation	c. 1	lizolva evigat	ation and	d.	dizoly the sc	vation and le	evigation o	f e. expansion
26.	In compo	site c	ements of II/A	A/S-32,5	type,	A symbol	l represe	nts:			
a.	Clinker per	cent	b. Adding material	type	c.	Adding 1 percent	material	d.	Mark	e.	Hardening time
27.	In compo	site c	ements of II/E	3/V-32,5	type,	V symbo	l represe	nts:			
a.	Clinker per	cent	b. Adding material	type	c.	Adding 1 percent	material	d.	Mark	e.	Hardening time
28.	In compo	site c	ements of II/A	A/V-32,5	type,	32,5 sym	bol repre	esents:			
a.	Clinker per	cent	b. Adding material	type	c.	Adding 1 percent	material	d.	Mark	e.	Hardening time
29.	The concre	ete's 1	nark is:								
a.	The value	from	n standard mar	k scale i	mmed	liately info	erior to t	he cub	oic strength i	n N/mm ² ;	
b.	. The value from standard mark scale immediately inferior to the cubic strength in daN/cm ² ;										
C.	The statis	tical (determinated v	alue un	der ca	n exist ma	$x_1m 5\%$	from	the values;		
a.	The statis	tical (determinated v	alue un	der ca	n exist ma	1XIM 8% 109	from	the values;		
0.	The statis	tieur		uiue uii				0 11011	i tile values.		
30.	The concre	ete's of	class is:	1		listslasinf	anian ta t	h ah	i a atman ath i	•• NT/2.	
a. b	The value	from	i standard mar	k scale i	mmed	liately info	erior to t	ne cub	oic strength i	n N/mm ; n daN/cm ²	
c	The statis	tical (determinated v	value un	der ca	n exist ma	axim 5%	from 1	the values.		·
d.	The statis	tical of	determinated v	value un	der ca	n exist ma	xim 8%	from	the values;		
e.	The statis	tical o	determinated v	alue un	der ca	n exist ma	axim 10%	% from	the values.		
31	In the nota	tion o	of the nermeah	ility P. ^b	-a ren	resents:					
a.	The time	in ho	urs of testing;	inty ra	urep	10001110.					
b.	The water	r abso	orption height	for a san	nple ii	n 24 hours	from th	e mon	nent of the pr	ressure read	ching;
c.	Testing p	ressui	re in atm;								
d.	Minim tes Testing p	sting	temperature;								
32.	Lacquers	give:									
	Bright	<u>ь</u>	Bright and tra	insparen	t	Bright	and	Ь	Semi mate		Mate colored
a.	pellicles	υ.	pellicles		c.	colored	d pellicle	es u.	transparent	pellicles	e. pellicles
33.	Emails giv	ve:									
a.	Bright pellicles	b.	Bright and trapellicles	ınsparen	t c.	Bright colored	and d pellicle	d.	Semi mate transparent	pellicles	e. Mate colored pellicles
34.	Paintings	give:									
а	Bright	b	Bright and tra	insparen	t	Bright	and	d	Semi mate		e. Mate colored
ч.	pellicles	0.	pellicles		0.	colored	d pellicle	es a.	transparent	pellicles	- pellicles