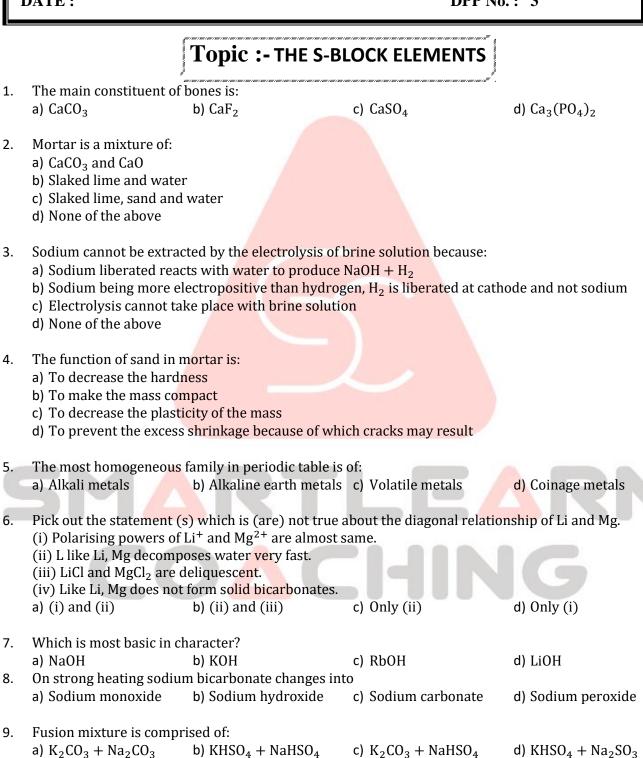






CLASS : XIth DATE :

SUBJECT : CHEMISTRY DPP No. : 3



10. Which of the following will liberate hydrogen by its reaction with hydrochloric acid?a) Copperb) Phosphorusc) Mercuryd) Magnesium

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11.	Baking powder contains a) NaHCO ₃ , Ca $(H_2PO_2)_2$ and starch c) NaHCO ₃ , and starch		b) NaHCO ₃ , Ca(H ₂ PO ₂) ₂ d) NaHCO ₃	
12.	In the hardening stage c a) $CaSO_4$ c) $CaSO_4 \cdot H_2O$	of plaster of Paris, the com	ound formed is b) Orthorhombic CaSO ₄ . 2H ₂ O d) Monoclinic CaSO ₄ . 2H ₂ O	
13.	Magnesium has polarisi a) Li	ng power closer to that of: b) Na	с) К	d) Cs
14.	Calcium does not combi a) O ₂	ne directly with: b) N ₂	c) H ₂	d) Carbon
15.	A fire of lithium, sodium a) H ₂ O	and potassium can be ext b) Nitrogen	inguished by c) CO ₂	d) Asbestose blanket
16.	 Halides of alkaline earth metals form hydrates such as MgCl₂ · 6H₂O, CaCl₂ · 6H₂O, BaCl₂ · 2H₂O and SrCl₂ · 2H₂O. This shows that halides of group 2 elements: a) Are hygroscopic in nature b) Act as dehydrating agent c) Can absorb moisture from air d) All of the above 			
17.	The process associated a) Chamber	with sodium carbonate ma b) Haber	nufacture is known as] c) Leblanc	process. d) Castner
18.	Thomas slag is a) CaSiO ₃	b) $Ca_3(PO_4)_2$	c) MnSiO ₃	d) CaCO ₃
19.	The formula of Norwegi a) NaNO ₃	an saltpetre is: b) KNO ₃	c) Ca(NO ₃) ₂ · CaO	d) Ba(NO ₃) ₂
20.	Calcium is extracted by the electrolysis of: a) Fused mixture of CaCl ₂ and CaF ₂ b) CaCl ₂ solution c) Fused mixture of CaCl ₂ and NaF d) Ca ₃ (PO ₄) ₂ solution			