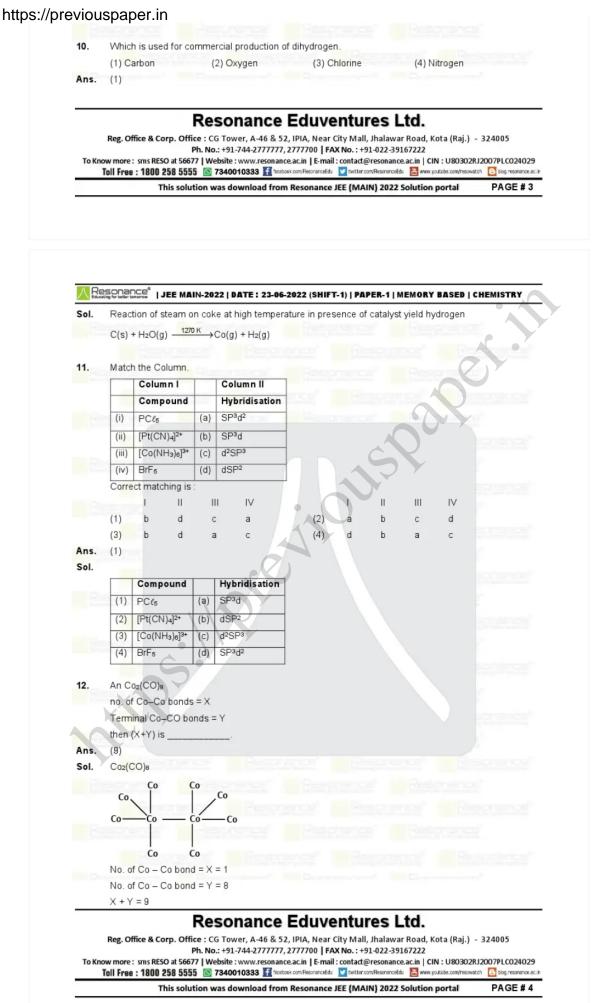
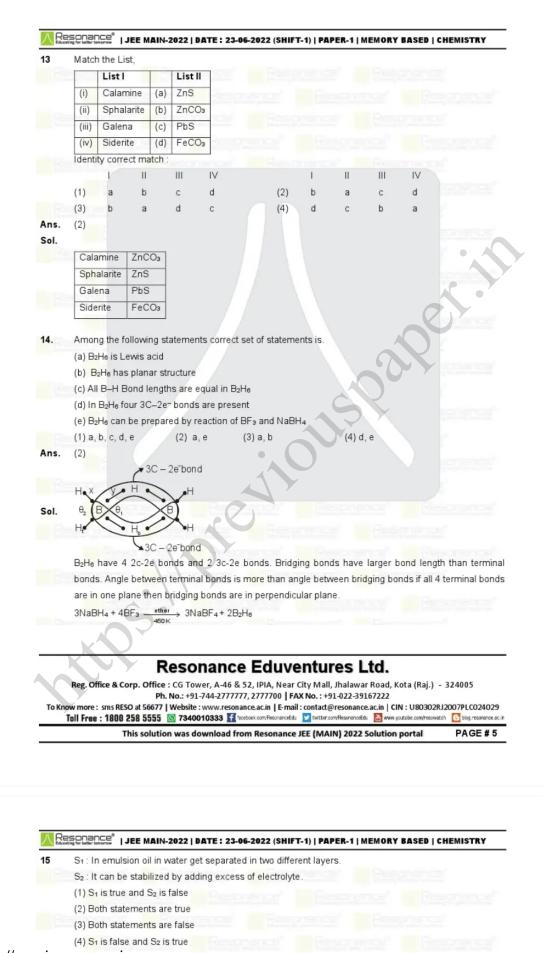
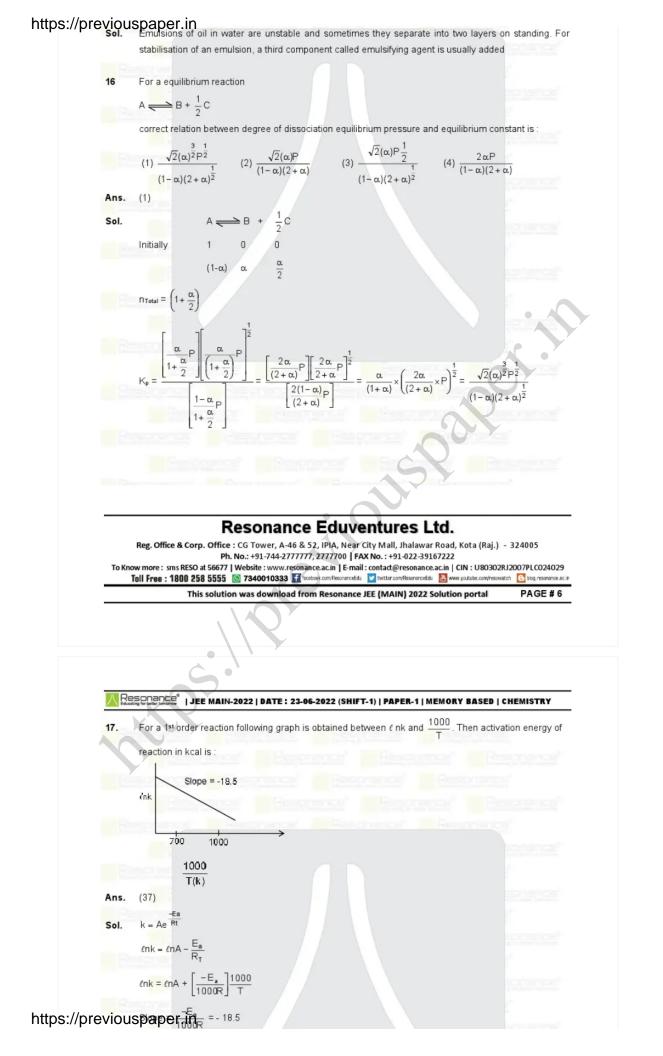


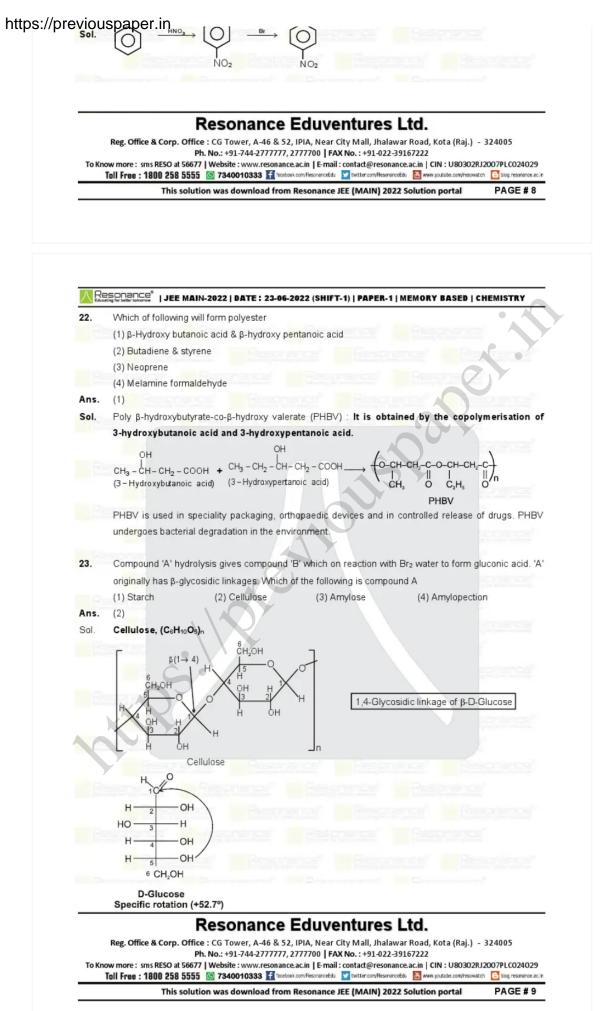
mass of C₁₅H₃₀ = d × V = 0.756 × 1000 = 756 gram $C_{15}H_{30}(\ell) + \frac{45}{2}O_2(g) \longrightarrow 15CO_2(g) + 15H_2O$ $\frac{756}{210} \qquad \frac{45}{2} \left[\frac{756}{210} \right] \text{mole} \qquad 15 \left[\frac{756}{210} \right]$ $W_{0_2} = \frac{45}{2} \left[\frac{756}{210} \right] 32 = 2592 \text{ gram}$ W_{co2} = 2376 gram 6. What is concentration of a glucose solution in interavenous injection in gram/lit which is isotonic with Blood solution which has osmotic pressure 7.93 bar at 300 K. [Report your answer to nearest integer] Ans. (58) Resonance Eduventures Ltd. Reg. Office & Corp. Office : CG Tower, A-46 & 52, IPIA, Near City Mall, Jhalawar Road, Kota (Raj.) - 324005 Ph. No.: +91-744-2777777, 2777700 | FAX No. : +91-022-39167222 To Know more : sms RESO at 56677 | Website : www.resonance.ac.in | E-mail : contact@resonance.ac.in | CIN : U80302RJ2007PLC024029 Toll Free : 1800 258 5555 💿 7340010333 🖬 sectors com Resonancedu 🔽 better com Resonance & 📓 www.youtube.com/resonance.ac.in This solution was download from Resonance JEE (MAIN) 2022 Solution portal PAGE # 2 Resonance | JEE MAIN-2022 | DATE : 23-06-2022 (SHIFT-1) | PAPER-1 | MEMORY BASED | CHEMISTRY Sol. For isotonic solution $\pi_{\text{Injection}} = \pi_{\text{Blood}}$ (CRT) = 7.93 C × 0.082 × 300 = 7.93 C = 0.322 mole/lit = 0.322 × 180 = 58 gram/lit 7 Which ion is not present in teeth enamel (1) Ca2+ (2) F-(3) P³⁺ (4) P⁵⁺ Ans. (3) Sol. Calcium and phosphate are the major component of hydroxyapatite crystal that form the inorganic portion of the teeth How many of the following oxides are amphoteric in nature? (a) Na2O (b) As2O3 (c) NO (d) N2O (e) Cl2O7 (1) 0 (4) 3 (2) 1 (3) 2 Ans. (2) Acidic ⇒ Cl₂O7 Sol. Basic ⇒ Na₂O Amphoteric ⇒ As₂O₃ Neutral ⇒ NO, N₂O A cation Y2+ on reaction with reagent X form Red colour complex then cation Y2+ and reagent X are 9. respectively (1) Ni2+, ammonical solution of dimethylglyoxime (2) Cu²⁺, K₄[Fe(CN)₆] (3) Fe3+, K4[Fe(CN)6] (4) Zn²⁺, NH₃(aq) (excess) Ans. (1) https://previouspapergin Ammostal Souther >[Ni(dmg)2]

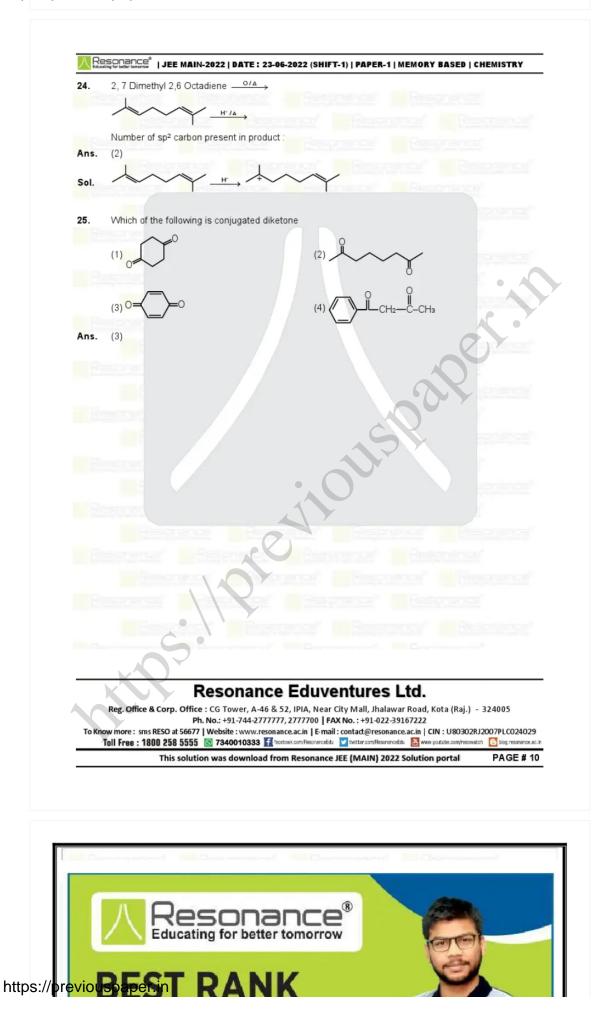


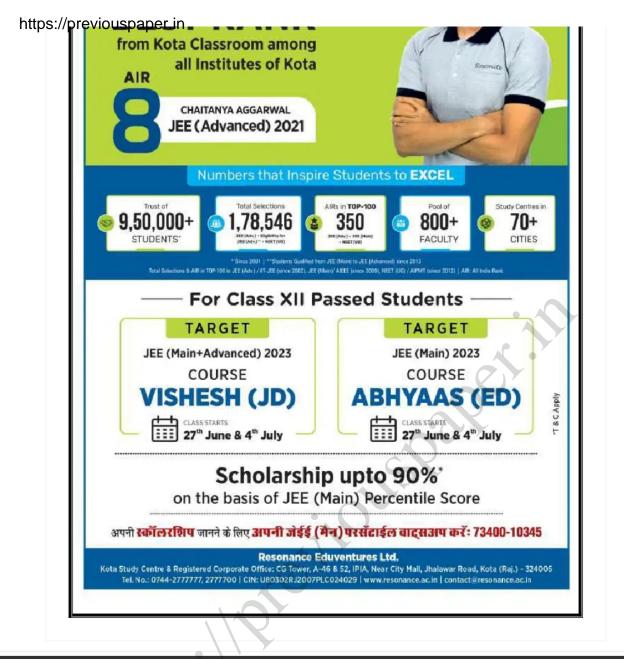




https://previ	ouspaper.in
	$E_a = 18.5 \times 1000 \times 2$ = 37×10 ³ Cal
	= 37 kCal
18	The difference between oxidation state of chromium in chromate & dichromate is -
	ns. (0)
So	ol. Chromate \Rightarrow CrO ² _i CrO^{2}_{i}
30	
	$Dichromate \Rightarrow Cr_2O_1^{2^{-1}} \qquad $
19	9. Which of the following is not a broad spectrum antibiotic (1*) Penicillin G (2) Ofloxacin (3) Amoxicillin (4) Chloramphenicol
Ar	ns. (1)
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-	
	CCH3
20	$\frac{1. \text{ NaCN}}{2. \text{ OH}^{-}}$
	3. Cyclohexan one 4. H ₂ /Ni
	Br OCH3 OCH3 OCH3 OCH3
	OH OH OH
Ar	ns. (1)
So	
	Br C=N
21	1. $C_{B}H_{10} \xrightarrow{HNO_{3}} A \xrightarrow{B_{12}} B \xrightarrow{alcoholic} C$
21	1. $C_{8}H_{10} \xrightarrow{HNO_{3}}_{H_{2}SO_{4}} A \xrightarrow{Br_{2}}_{\Delta} B \xrightarrow{alcoholic}_{KOH} C$ What is major product C.
	NO2-C=CH2 CH=CH2
	Ÿ Ý
	NO2 NO2
	CH=CH2 CH=CH
Ar	NO ₂
https://previ	Br







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