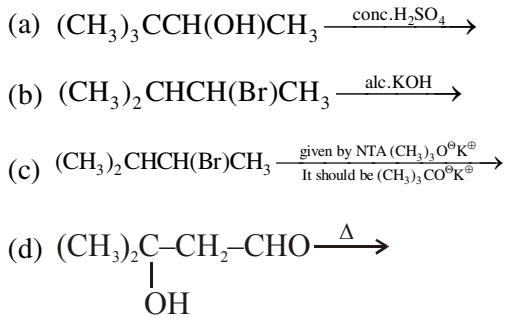


ALCOHOL & ETHER

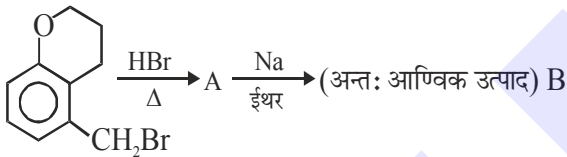
1. निम्न अभिक्रियाओं पर विचार कीजिए:

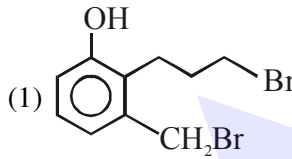
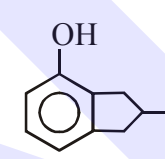
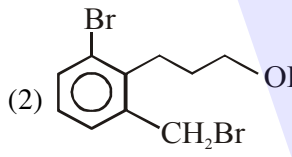

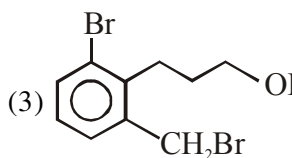
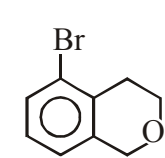
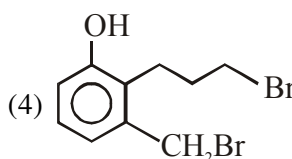
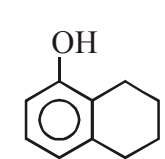


इन अभिक्रियाओं में से कौन सी सेटजेफ उत्पाद नहीं बनायेगी/बनायेंगी ?

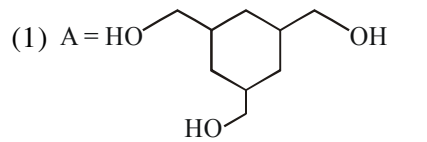
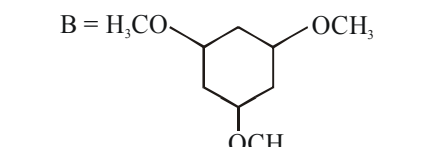
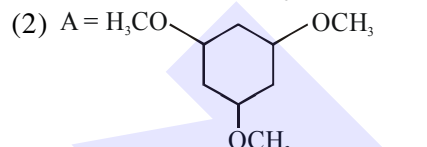
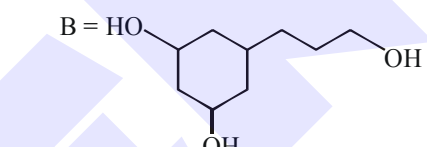
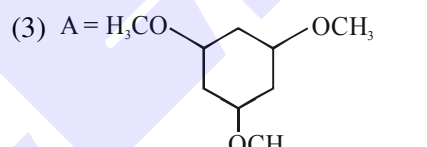
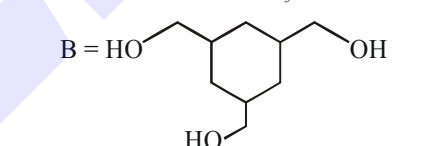
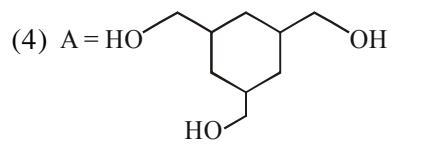
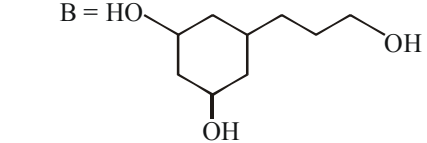
- (1) (c) मात्र (2) (a), (c) तथा (d)
 (3) (d) मात्र (4) (b) तथा (d)

2. निम्नलिखित अभिक्रिया अनुक्रम में A तथा B की संरचनाएँ क्रमशः होंगी :-

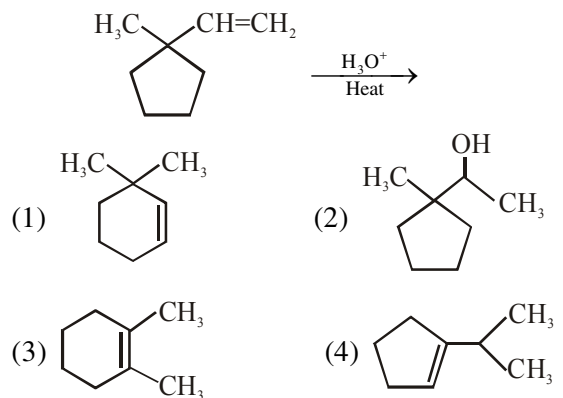


- (1)  & 
 (2)  & 
 (3)  & 
 (4)  & 

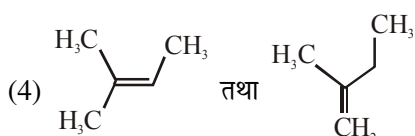
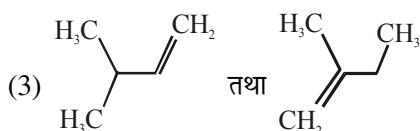
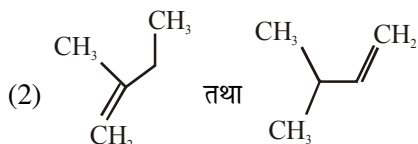
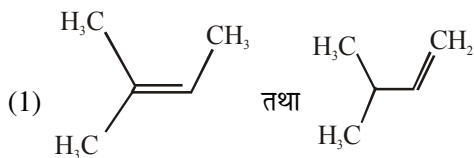
3. यौ A तथा B, जिनका आण्विक सूत्र $\text{C}_9\text{H}_{18}\text{O}_3$ है, में से B की अपेक्षा A का क्वथनांक अधिक है। A तथा B की संभावित संरचनाएँ है:

- (1) A = 
 B = 
 (2) A = 
 B = 
 (3) A = 
 B = 
 (4) A = 
 B = 

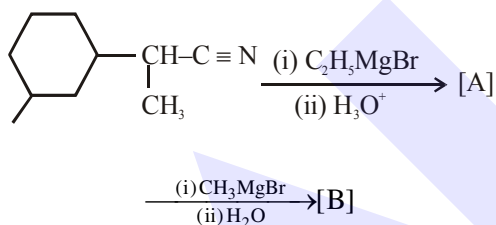
4. निम्न अभिक्रिया में मुख्य उत्पाद है :



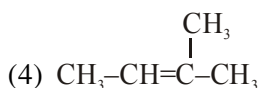
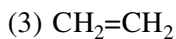
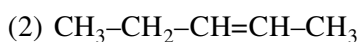
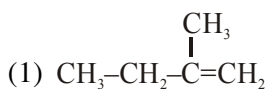
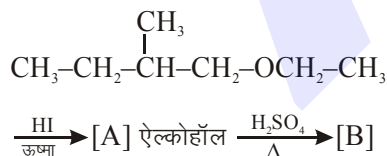
5. जब निओपेन्टिल ऐल्कोहॉल को एक अम्ल के साथ गर्म किया जाता है तो यह धीरे-धीरे A तथा B के क्रमशः 85 : 15 के एक मिश्रण में परिवर्तित हो जाता है। ये ऐल्कीन क्या हैं?



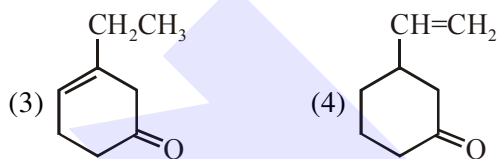
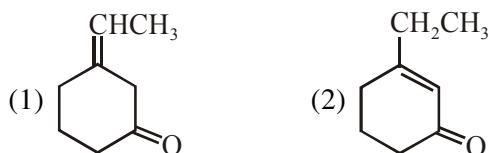
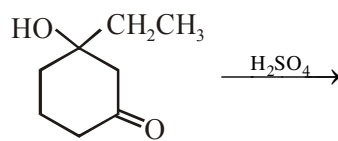
6. [B] में उपस्थित किरल केंद्रों की संख्या है _____.



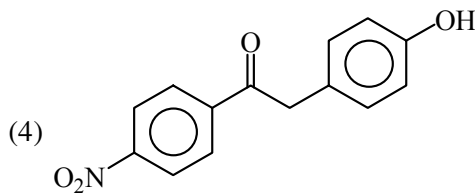
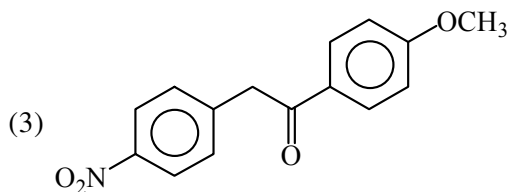
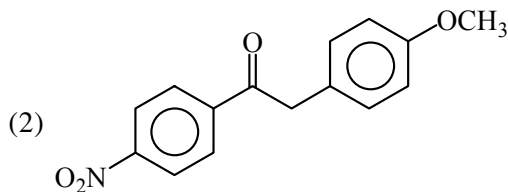
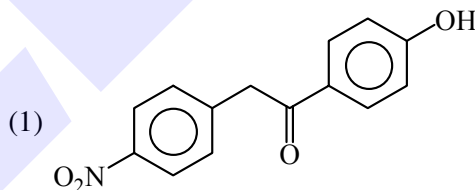
7. निम्नलिखित अभिक्रियाओं में मुख्य उत्पाद [B] है :-



8. निम्नलिखित अभिक्रिया का मुख्य उत्पाद है :

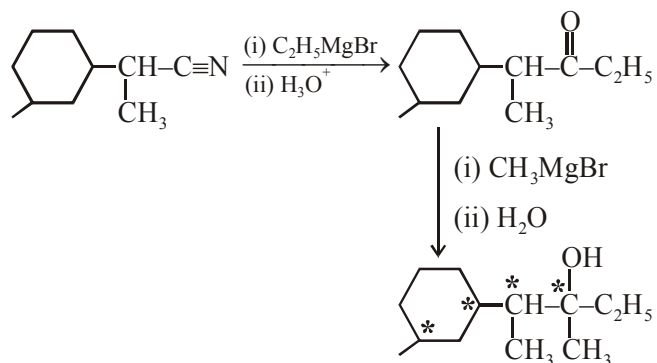


9. निम्न अभिक्रिया से प्राप्त होने वाला मुख्य उत्पाद है :



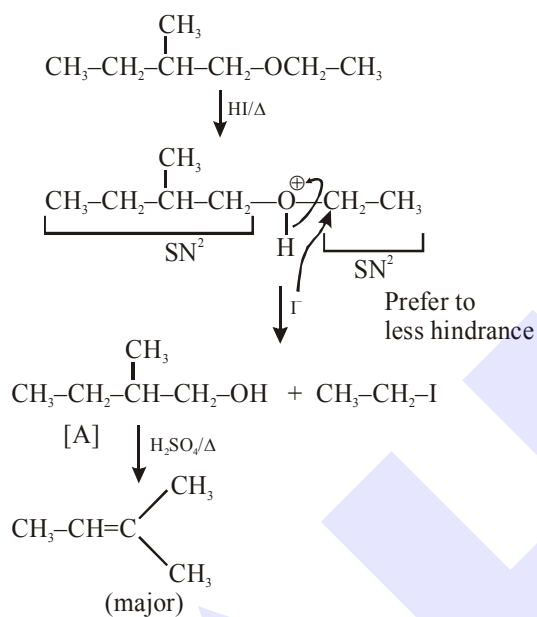
6. Official Ans. by NTA (4)

Sol.



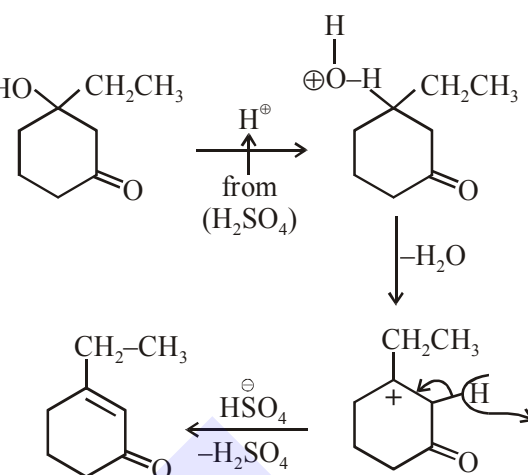
7. Official Ans. by NTA (4)

Sol.



8. Official Ans. by NTA (2)

Sol.



9. Official Ans. by NTA (3)