

FORTNIGHT TEST 1

Subject	English (40)	Maths (40)	Chemistry/Accounts (40)	Physics/Biology (40)
Unit/Topic	PT-2	PT-2	PT-2	PT-2
Date				

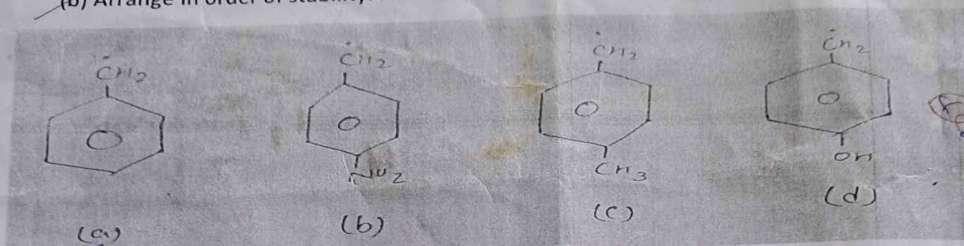
Note - Q6 to 8 are very short answer questions carry 2 marks each.

Q6. Convert the following - (a) Ethyl Bromide into butane.

(b) Ethanol to Ethene.

Q7. (a) Draw the Cis- trans structure of But-2-ene-1,4-dioic Acid.

(b) Arrange in order of stability. Also write by which effect you can give their stability order.



Q8. Complete the reaction-

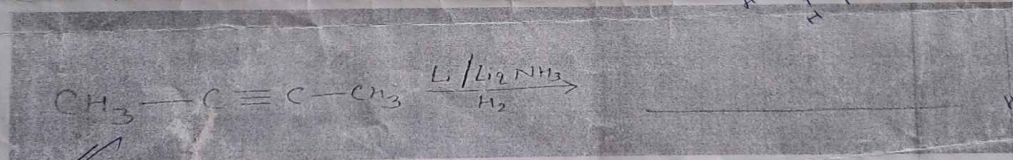


Note - Q9 to 15 are short answer type question carry 3 marks.

Q9. Differentiate between singlet carbene and triplet carbene.

Q10. Explain Kharasch Effect. Why does it take place in case of HBr only?

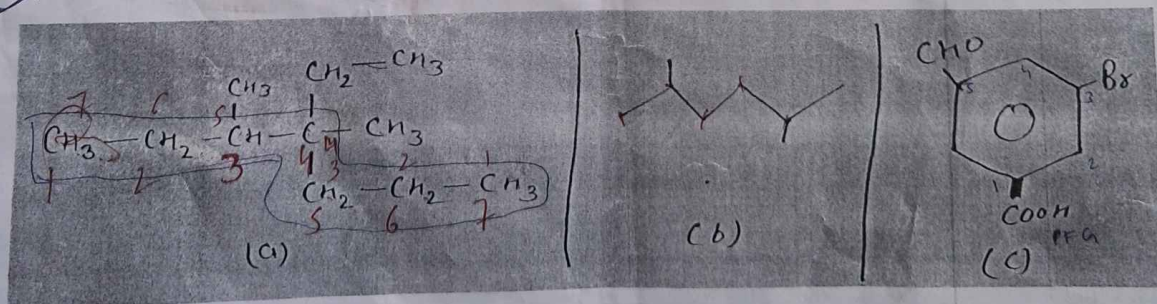
Q11. Complete the reaction below and write its mechanism



Q12. Balance the following reaction by Oxidation Number method (in acidic medium).



Q13. Name the following compound according to IUPAC.



Q14. (A) Why tertiary carbocation is more stable than secondary and primary carbocation.

(B) What are Enantiomers and Diastereomers. Give example.

