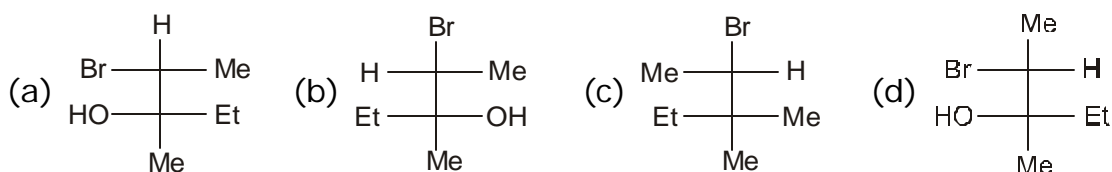
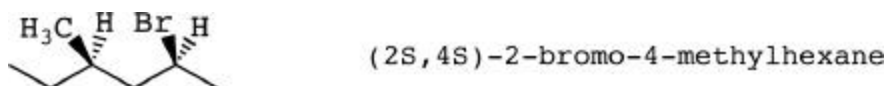


Q.5 Which of the following structures are non super imposable mirror images.



- (A) a and b (B) c and d (C) a and d (D) a and c

Q.6 Relate the following compounds :



- (A) Same (B) Enantiomers
(C) Diastereomers (D) Different compounds

Q.7 Relate the following compounds :



- (A) Same (B) Enantiomers
(C) Diastereomers (D) Different compounds

Q.8 Relate the following compounds :



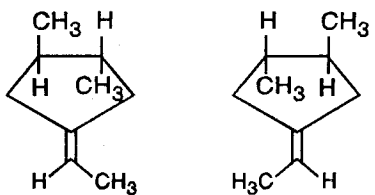
- (A) Same (B) Enantiomers
(C) Diastereomers (D) Different compounds

Q.9 Relate the following compounds :



- (A) Same (B) Enantiomers
(C) Diastereomers (D) Meso compounds

Q.10 The compounds



(A) enantiomers

(B) diastereoisomers

(C) geometrical isomers

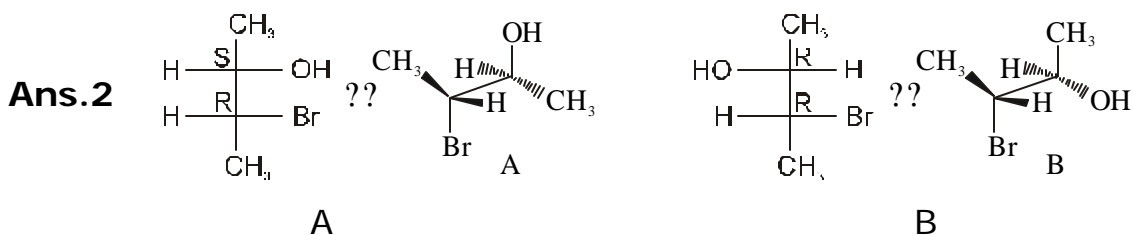
(D) same structures.

ANSWER KEY

Q.No.	1	2	3	4	5	6	7	8	9	10
Ans.	B	C	B	A	A	C	C	A	A	A

SOLUTIONS (RELATIONS AMONG STEREOISOMERS)

Ans.1 (A) S (B) R (C) S (D) S



Ans.3 (I) S (II) R (III) S (IV) R

Ans.4 (I) S (II) R (III) S (IV) R

Ans.5 (I) S, R (II) R, S (III) S (IV) R, R

