

DRAWING AND DESIGN

FORM FOUR

MARKING SCHEME 449/2

a). Two Possible Solutions (@3 x 2= 6 Marks)



possible solution 1

consideration 1 ½ mark

consideration 2 ½ mark

consideration 3 ½ mark

consideration 4 ½ mark

functional=1 mark

TOTAL 3 MARKS

possible solution 2

consideration 1 ½ mark

consideration 2 ½ mark

consideration 3 ½ mark

consideration 4 ½ mark

functional=1 mark

TOTAL 3 MARKS

possible solution 3

consideration 1 ½ mark

consideration 2 ½ mark

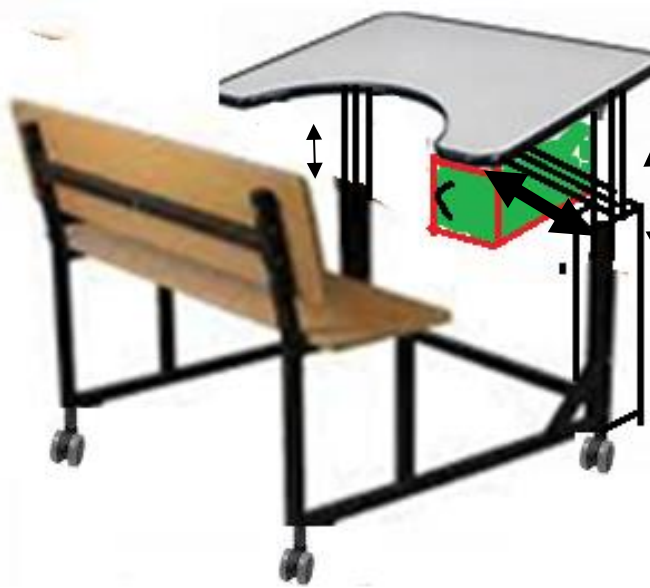
consideration 3 ½ mark

consideration 4 ½ mark

functional=1 mark

TOTAL 3 MARKS

b). REFINED PICTORIAL DRAWING (@4 x 4 = 16 Marks)



consideration 1 = 4 mark

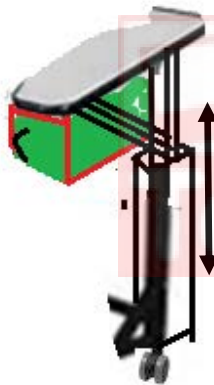
consideration 2 = 4 mark

consideration 3 = 4 mark

consideration 4 = 4 mark

TOTAL = 16 MARKS

C.(i) CONSIDERATION 1



functional=2
proportinality=1
TOTAL=3 Marks

(ii) CONSIDERATION 2



functional=2
proportinality=1
TOTAL=3 Marks

(iii) CONSIDERATION 3



functional=2
 propoirtinality=1
 TOTAL=3 Marks

(iv) CONSIDERATION 4



functional=2
 propoirtinality=1
 TOTAL=3 Marks

D.MATERIALS USED:

Any 3 @ $\frac{1}{2}$ =1 $\frac{1}{2}$ marks

Reasons for choice Any 3 @ $\frac{1}{2}$ =1 $\frac{1}{2}$ marks
TOTAL 3 Marks

E) METHODS OF JOINING

Any 3 joining methods@ $\frac{1}{2}$ =1 $\frac{1}{2}$ marks

Any 3 Reasons for use @ $\frac{1}{2}$ =1 $\frac{1}{2}$ marks

TOTAL 3 Marks

