

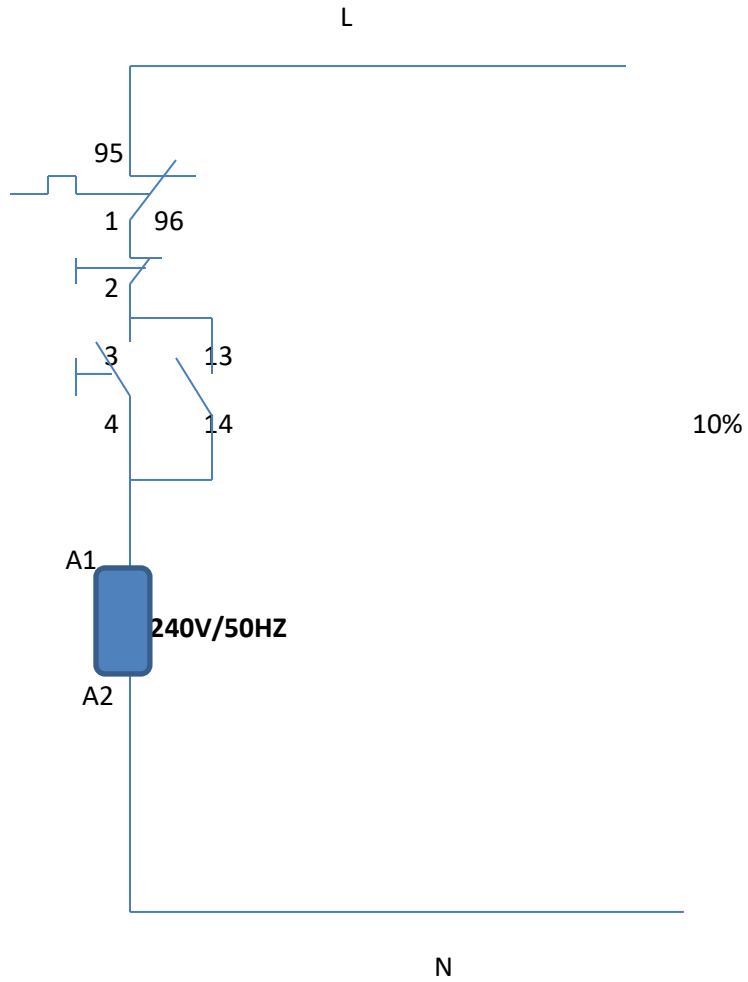
CHRISTIAN SOCIAL SERVICES COMMISSION (CSSC)
 NORTHERN ZONE JOINT EXAMINATIONS SYNDICATE (NZ-JES)
 FORM FOUR PRE-NATIONAL EXAMINATION 2024
 ELECTRICAL DRAUGHTING

MARKING SCHEME

i	ii	iii	iv	vi	vii	viii	viii	ix	x
C	A	B	C	A	A	C	B	D	B

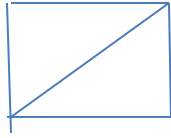
1@% =10%

2. Starter DOL

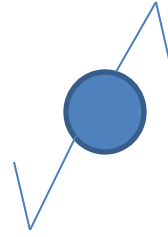


3. Electrical symbol 1@%= 10%

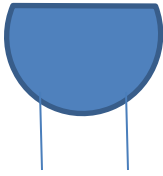
i.



li.



lii.



iv.



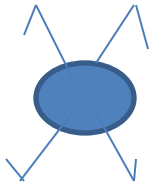
v.



vi.



vii.



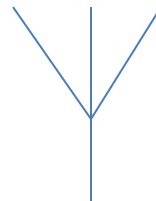
viii.



ix.



x.

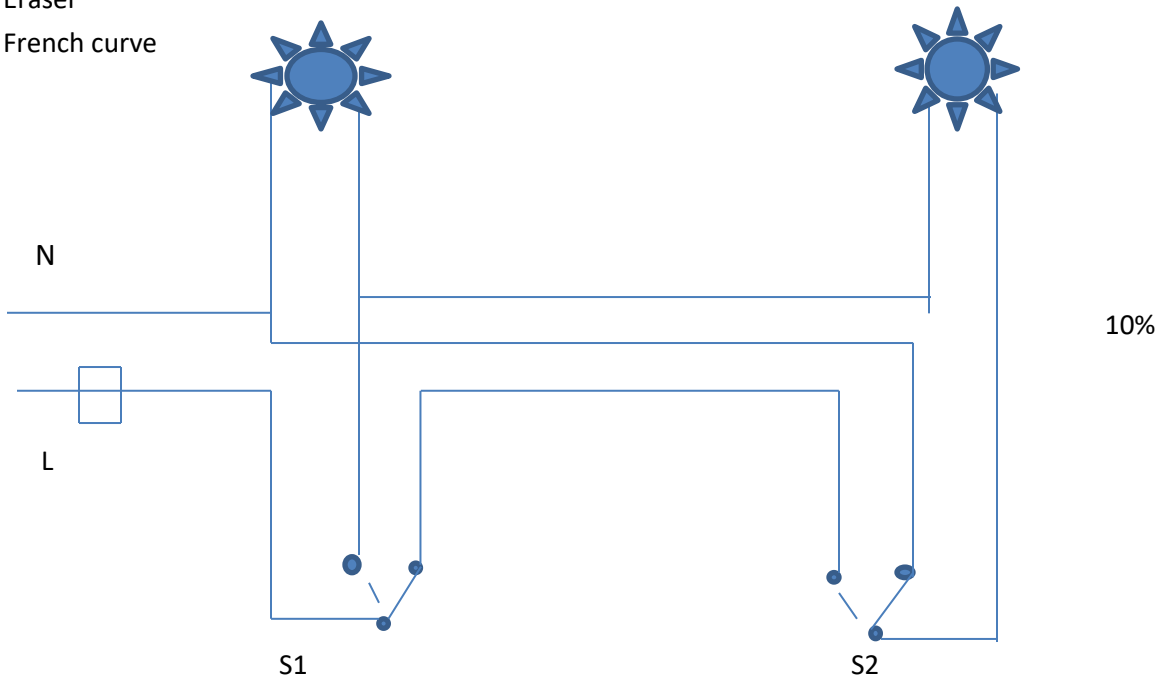


4. drawing official tools 1@%=10%

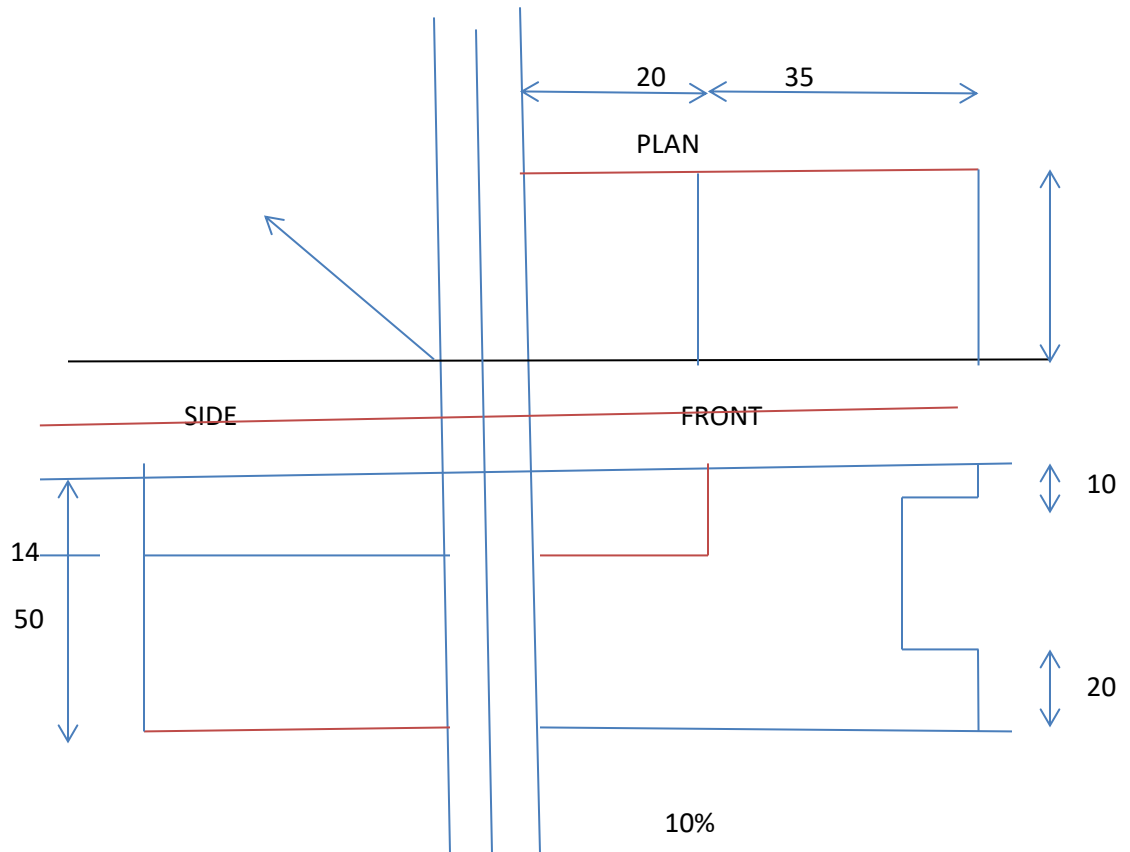
- I. Pencil
- II. Drawing board
- III. Ruler
- IV. Compass
- V. Divide
- VI. Protector
- VII. T square

- VIII. Set square
- IX. Eraser
- X. French curve

5.



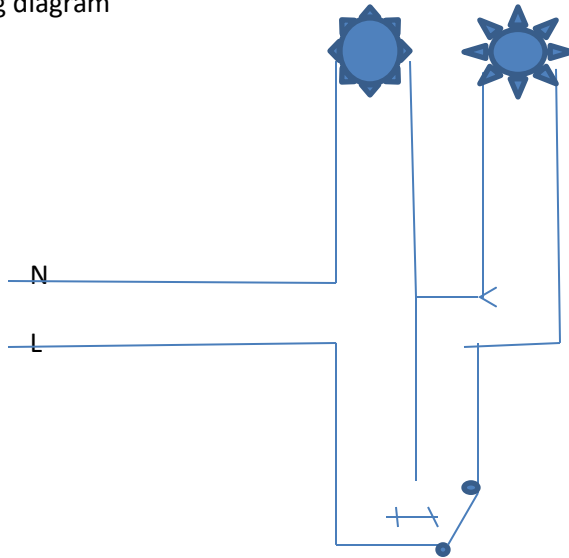
6.



7. (a) i. L1 and L2 will light dim . 2.5%@ = 5%

ii. L2 will light full

b) wiring diagram

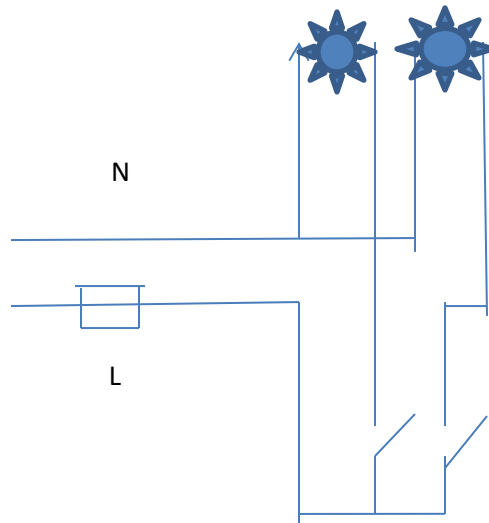


5%

8 (a) i. by using of twin tube on the same fitting 1.5%@ = 3%

ii. By advancing voltage level

b.



10%

C. ABBREVIATION

I. counter sunk head

1@% = 7%

ii. across flat

iii. hexagon head

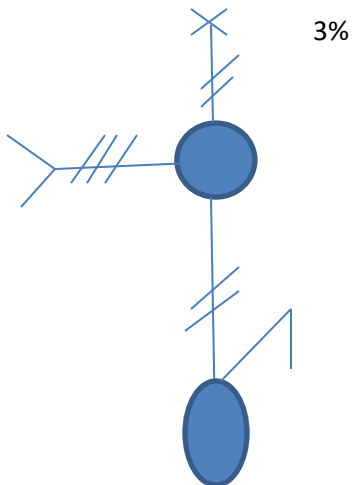
iv. pitch circle diameter

v. special

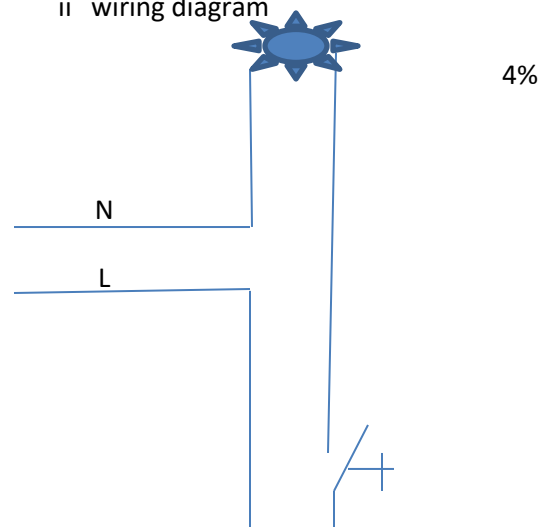
vi. Logic

vii. Drawing

d. I. plan diagram



ii wiring diagram



iii. Schematic diagram

