The answer	Symbol Of	Question
	Right	number
	answer	
"a" and "c" or "b" and "d"	С	1
the resistance from rheostat decreases and	А	2
voltmeter reading decreases.		
6 V , 3 A , 2 A	D	3
$R_1=1$ , $R_2=9$ , $R_3=2$ , $R_4=8$	В	4
$\frac{36}{2}V$	А	5
3 10 V	R	6
	D	0
$\rho_{X>}\rho_{Y} - A_{X} > A_{Y}$	A	7
0.125 m from wire X	С	8
$9.68 \times 10^{-5} Wb$	D	9
1 A	А	10
direction of current in both of them	С	11
zero	В	12
960 Ω	С	13
$F_y < F_x < F_z$	А	14
Force (F) increases and rod moved away from the	В	15
battery.		
$R_{s} = 0.1\Omega$	В	16
$6000\Omega R_1$ , 9000Ω $R_2$	D	17
D	А	18
4 θ	В	19

0.08 V	C	20
$T_1 > T_2 > T_3$	A	21
x x x x x x x x x	С	22
х х х х х х х х х х В <del>- х х х х х х х х х х х х х х х х х х </del>		
4.4 V	В	23
$5.77 \times 10^{-3}$ T/S	D	24
10	А	25
6V	А	26
2 I	А	27
А	А	28
90°	В	29
50mA	D	30
$\frac{7}{11}$	А	31
remains constant	В	32
Decrease - Increase	С	33
The momentum of photon X is more than that of Y	D	34
The momentum of the photons in red light is the smallest in visible light.	С	35
$KE_{C} < KE_{B} < KE_{A}$	В	36
The electrons have high kinetic energy and short	А	37
wavelength		
3000nm	С	38
6n.m	D	39

The multiple reflections inside the resonate cavity.	С	40
No laser beam will produce from the device.	С	41
The photon energy of normal light is greater and the intensity is lower.	В	42
Z Y X 0 1 0	А	43
The bulb (X) is switched off and the bulb (Z) remains illuminated.	D	44
114 μΑ 120 μΑ	А	45
A <b<d<c< td=""><td>В</td><td>46</td></b<d<c<>	В	46
$\label{eq:Ws} \begin{array}{ll} W_S = W_P \mbox{ in ideal transformer so:} \\ (V, I)_p = 120 \mbox{ I}_p & I_P = 0.5A \\ (V, I)_s = 12 \mbox{ I}_S & I_S = 5A \end{array}$		47
Because total resistance decreases so value X <sub>L</sub> / R increases and phase angle increases		48
The work function remains constant Kinetic energy of emitted electrons will increase		49
$E = \frac{hc}{\lambda} = \frac{6.625 \times 10^{-34} \times 3 \times 10^8}{0.2 \times 10^{-9}} = 9.9375 \times 10^{-19} J$ $E = \frac{hc}{\lambda} = \frac{6.625 \times 10^{-34} \times 3 \times 10^8}{0.6 \times 10^{-9}} = 3.3125 \times 10^{-16} J$		50