RKV MATRIC HIGHER SECONDARY SCHOOL – JEDARPALAYAM

21.09.17 **12th – Physics - QUARTELY EXAMINATION – 2017**

S.NO	KEY ANSWER	S.NO	KEY ANSWER
1	b) 113	**16**	c) input power
2	b) $\frac{q_1 q_2}{4\pi\varepsilon_0 r}$	**17**	c) 1
3	d) Neither a net force nor a torque	**18**	b) $\frac{\pi}{4}$
4	a) Q = - q	**19**	a) VsA^{-1}
5	d) zero	**20**	a) Pure Line Spectrum
6	d) depends on neither charge nor electric potential	**21**	a) contracts
7	d) will remain the same	**22**	a) 3
8	b) $\frac{R}{n}$	**23**	d) decreased by 256 times
9	b) $\frac{3}{2}$	**24**	b) 18
10	c) Conductance	**25**	b) $\frac{1}{\sqrt{\mu_0\varepsilon_0}}$
11	c) high specific Resistance	**26**	c) angular momentum
12	c) the velocity of the particle	**27**	b) $N_E > N_6$
13	b) unchanged	**28**	d) 3 : 4
14	a) 520^0 C	**29**	b) wave Number
15	a) zero	**30**	d) 30^0

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