



KUWAIT COLLEGE OF SCIENCE & TECHNOLOGY
كلية الكويت للعلوم والتكنولوجيا

THE KNOWLEDGE NETWORK

Physics Practice Tests - Answers

Answer to the questions – Test 1

Sample Test #1		Sample Test #2
Part (I)		Part (I)
Q1	(a)	
Q2	(d)	
Q3	(b)	
Part(II)		Part(II)
Q1	(a)	
Q2	(a)	
Q3	(b)	



Answer to the questions – Test 2

Section A

1-d, 2-d, 3-b, 4-b, 5-b, 6-d, 7-c, 8-d, 9-d, 10-a

Section B

1. show the necessary steps used to solve it and get the result as: 50°C
2. show the necessary steps used to solve it and get the result as: 0.148 mm
3. show the necessary steps used to solve it and get the result as: $u/3$
4. show the necessary steps used to solve it and get the result as: 1.84 s
5. show the necessary steps used to solve it and get the result as: 9.4 cm
6. show the necessary steps used to solve it and get the result as: (a) $3\mu\text{F}$ (b) $36\mu\text{F}$
7. show the necessary steps used to solve it and get the result as: $2r$
8. show the necessary steps used to solve it and get the result as: $12\ \Omega$



Answer to the questions – Test 3

Section A

1-a, 2-c, 3-b, 4-d, 5-d, 6-c, 7-d, 8-c, 9-d, 10-d

Section B

- 1- Show the necessary steps used to solve it and get the result as: $313.15 \text{ }^{\circ}\text{K}$
- 2- Show the necessary steps used to solve it and get the result as: 2800 kg/m^3
- 3- Show the necessary steps used to solve it and get the result as: 60 m/sec
- 4- Show the necessary steps used to solve it and get the result as: 96 km/hr
- 5- Show the necessary steps used to solve it and get the result as: 84 s
- 6- Show the necessary steps used to solve it and get the result as: 20
- 7- Show the necessary steps used to solve it and get the result as: $68\mu\text{C}$
- 8-at A 3A , at B 1.5A , and at C 1.5A