Ohri Testing Center

Exam 2018-01-10

+



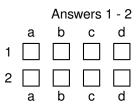
+

+

Personal Data	Registration Number
Family Name:	
Given Name:	
	1 🗆 🗆 🗆 🗆 🗆 🗆 1
Signature:	
	3 🗆 🗆 🗆 🗆 🗆 🗆 3
checked	
Corombling	1 ⁵ \Box \Box \Box \Box \Box \Box \Box 5
In this section no changes or modifications	
	7 🗆 🗆 🗆 🗆 🗆 🗆 7
Type Exam ID 005 18011000002	8 🗌 🗌 🗌 🔲 🗌 🕄 8
	9 🗆 🗆 🗆 🗆 🗆 🗆 9
Please mark the boxes carefully: 🗙 Not marked: 🗌 or 🔳	

This document is scanned automatically. Please keep clean and do not bend or fold. For filling in the document please use a **blue or black pen**.

Only clearly marked and positionally accurate crosses will be processed!



+

- 1. *(1 point)* A box contains 15 green and 10 yellow balls. If 10 balls are randomly drawn, oneby-one, with replacement, then the variance of the number of green balls drawn is :
 - (a) 12/5
 - (b) 6
 - (c) 4
 - (d) 6/25
- 2. (1 point) An observer is moving with half the speed of light towards a stationary microwave source emitting waves at frequency 10 GHz. What is the frequency of the microwave measured by the observer ?(speed of light 3×10^8 m/s)
 - (a) 17.3GHz
 - (b) 10.1GHz
 - (c) 12.1GHz
 - (d) 15.3GHz

Exam: 18011000002