

# Fiber Optics Communications

**Week 15**

**Exam Answer Key**

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# Answer Keys

## Part I: Multiple Choice Questions Answer Key (60%)

Q. No.	Answer	Q. No.	Answer	Q. No.	Answer
1	A	11	C	21	B
2	B	12	A	22	D
3	B	13	A	23	B
4	A	14	D	24	B
5	B	15	C	25	C
6	B	16	A	26	B
7	B	17	A	27	D
8	B	18	D	28	B
9	A	19	C	29	A
10	A	20	B	30	C

# Answer Keys

## Part II: True or False Questions Answer Key (10%)

Q. No.	Answer
1	<b>False</b>
2	<b>False</b>
3	<b>True</b>
4	<b>True</b>
5	<b>False</b>

# Answer Keys

## Part III: Short Answer Questions Answer Key (10%)

Q. No.	Answer
1	Total internal reflection
2	Erbium (Er <sup>3+</sup> )
3	Photodiode (PIN or APD)
4	On-Off Keying (OOK)
5	Optical splitter



**Thank You!**