Wave Optics

Here is the key for the fill-in-the-blank statements on **Interference**:

1. **Constructive**
2. **Destructive**
3. **Wavelength**
4. **Interference**
5. **Superposition**
6. **Constant**
7. **Bright**
8. **O**
9. **Coherent**
10. **Spacing**
11. **Same**
12. **Young's, Fresnel's**
13. **Sum**
14. $n\lambda$
15. **Odd**
16. **Amplitude**
17. **Destructive**
18. 2π
19. **Wave**
20. $\theta = \frac{\lambda}{d}$
21. **Integer**
22. **Zero**
23. **Interference**
24. **Incoherent**
25. **Single**
26. **Fringe**
27. **Destructive**
28. **Pinholes**
29. **Fringe width**
30. **Double-slit**