

The background features a dark blue gradient with faint, light-colored technical diagrams. On the left side, there is a large circular scale with numerical markings from 40 to 260 in increments of 10. Several dashed lines with arrows and smaller circular diagrams are scattered across the background, suggesting a technical or engineering theme.

INTRODUCTION TO COMPETITIVE PROGRAMMING CONTESTS

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OUTLINE

- ACM ICPC Programming Contest
- General Rules
- Contest Platform/Environment
- Sample Contest Questions
- Resources
- Q & A

ACM ICPC PROGRAMMING CONTEST

- ACM International Collegiate Programming Contest ([ICPC](#)) – World Final
- ACM ICPC South Central Regional Contest
 - Date: mid-October to early November
- Language: English
- Type of contests
 - Scripting contest (regional) – Use Perl/PHP/Python/Ruby
 - Programming contest (both) – Use C/C++/Java
- Duration ([sample schedule](#))
 - Scripting – 3 hours
 - Programming – 5 hours

GENERAL RULES

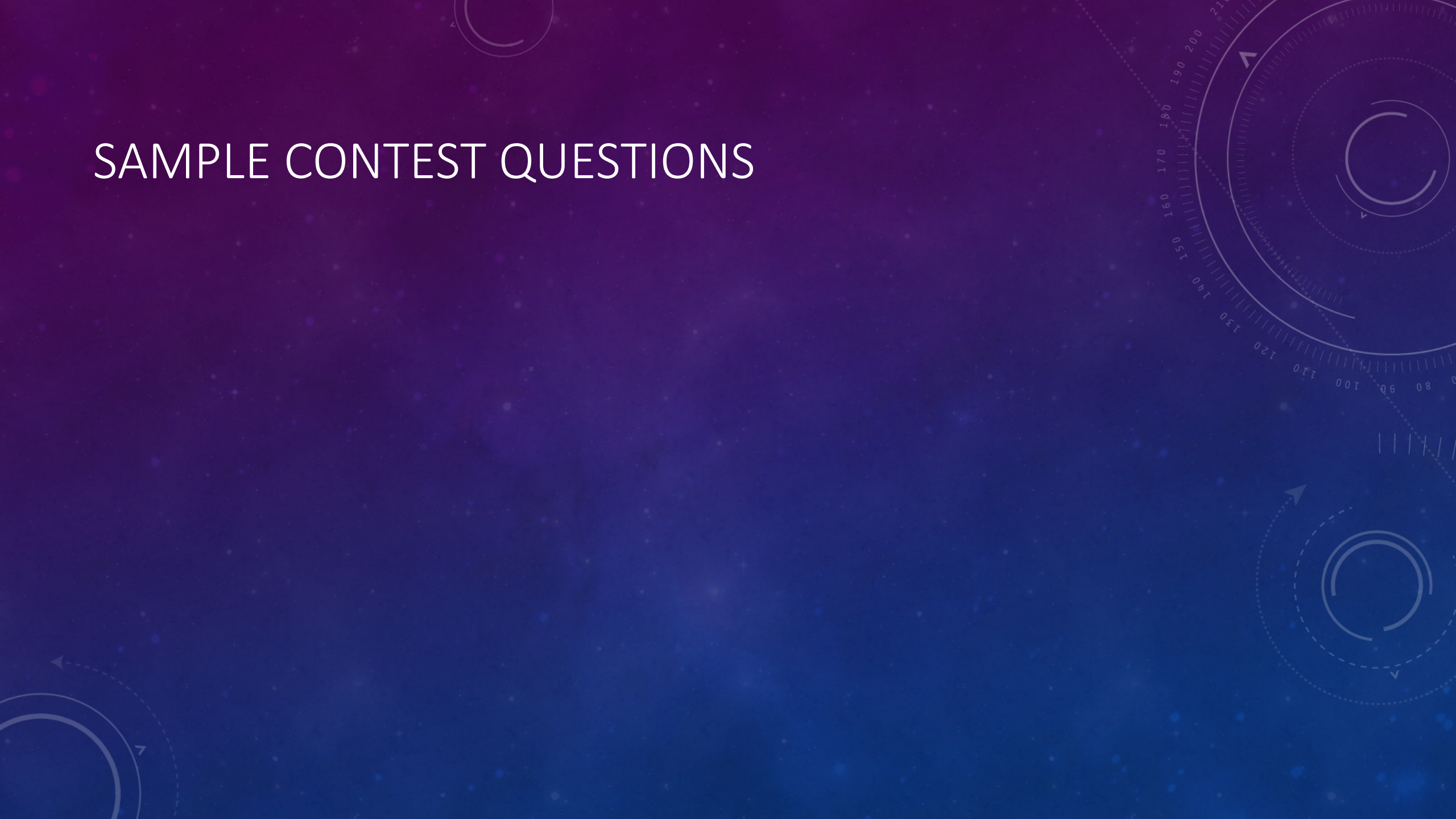
- Teams must have EXACTLY THREE members
- Basic Requirements
 - A student must be willing and able to compete in the World Finals.
 - A student must be enrolled in a degree program at the sponsoring institution with at least a half-time load. This rule is not to be construed as disqualifying co-op students, exchange students, students serving internships, or extramural students.
 - A student may compete for only one institution during a contest year.
 - A student who has competed in two World Finals is NOT eligible to compete.
 - A student who has competed in five Regional Contests is NOT eligible to compete.
- **Contestant Eligibility Rules**
 - [Eligibility Decision Tree](#)

Ref: <http://acm2013.cct.lsu.edu/rules.php>

CONTEST PLATFORM/ENVIRONMENT

- Environment
 - World Final <http://icpc.baylor.edu/worldfinals/programming-environment>
 - Regional <http://acm2013.cct.lsu.edu/hints.php>
 - Live-CD <http://acm2013.cct.lsu.edu/livecd.php>
- Compiler setting
 - World Final <http://icpc.baylor.edu/worldfinals/programming-environment>
 - Regional <http://acm2013.cct.lsu.edu/howto.php>
- Document available in contest
 - <http://acm2013.cct.lsu.edu/localdoc/>

SAMPLE CONTEST QUESTIONS



RESOURCES

- ACM-ICPC <http://icpc.baylor.edu/>
- ACM-ICPC Live Archive <http://livearchive.onlinejudge.org>
- ACM-ICPC South Central Regional <http://acm2013.cct.lsu.edu/>
- Online Judge (lots of them available online)
 - <http://uva.onlinejudge.org/>
- Even more
 - <http://leetcode.com/>
 - <http://www.topcoder.com/>
 - <http://www.careercup.com/>
 - <https://www.hackerrank.com/>



Q&A