



The Indiana Society of Radiologic Technologists invites all entry level Indiana Radiologic Science students to participate in the **2012 Radiography Quiz Bowl**. Form a team, register for the competition, and start preparing to go head-to-head against other Indiana Radiography program teams. Thanks to the very generous support of the Indiana Radiological Society, the winning team will be awarded the Quiz Bowl Traveling Trophy. The trophy will remain with the winning team's program for one year. In addition, the top three teams will receive monetary awards for their achievements.

LOCATION, DATE, and TIME:

Holiday Inn Fort Wayne
4111 Paul Shaffer Drive
Fort Wayne, IN 46825

Friday, September, 28, 2012
Competition will begin at 5:00 PM

COST:

To Be Announced

HOW TO REGISTER:

Read the Official Rules and submit a completed team application to the Quiz Bowl coordinator before the deadline date.

APPLICATION DEADLINE:

To be eligible to participate in the Radiography Quiz Bowl,
applications must be postmarked no later than SEPTEMBER 10, 2012.

IF YOU STILL HAVE QUESTIONS:

Contact Jane Patton for more information. isort@comcast.net or
812.881.9064

Radiography Quiz Bowl

Official Rules

Adopted 8/2008
Amended 4/2009

1. Purpose

- A. The purpose of the ISRT Radiography Quiz Bowl is to provide a fun & educational event for entry level radiologic science students to showcase their knowledge of radiography.
- B. This event provides a means for student participation within the Society and a healthy competitive atmosphere amongst Indiana radiologic science programs.

2. Eligibility

- A. All Quiz Bowl team members must be enrolled in an accredited entry level radiologic science program in the state of Indiana.
- B. All team members must be current Student members¹ of the ISRT at the time of application and at the time of competition.
- C. All team coaches must be current non-student members¹ of the ISRT at the time of application and at the time of competition.

¹*Individuals not currently Society members may join the ISRT to fulfill the membership eligibility requirement to compete or serve as a team coach. Join online or download a membership form to mail in at WWW.ISORT.ORG*

3. Team organization

- A. Each team shall consist of three (3) primary competing student team members and one (1) alternate student team member.
- B. Each team shall have a team coach (instructor, clinical educator, clinical technologist, etc) who will serve as the score keeper for a competing team during the competition.
- C. All competing team members must be enrolled in an entry level radiologic science program from the same school or facility. Students attending different schools (IVY Tech and IUPUI for instance) cannot form a combined team.
- D. A student may only register on one team roster.
- E. There is no limit to the number of teams a program may enter into the competition.

4. Application

- A. Obtain and read the most current competition rules for the Indiana Radiography Quiz Bowl posted on the ISRT website. Make sure that you have the most current Radiography Quiz Bowl Team Application Form.
- B. Application may be made by completing the current Radiography Quiz Bowl Team Application Form and mailing it to the Radiography Quiz Bowl Coordinator by the posted deadline date.
- C. Application for the Radiography Quiz Bowl will only be accepted by mail. Application forms sent by fax or any other electronic media will not be accepted.
- D. All individuals listed on the team roster must be current members¹ of the ISRT at the time of application and at the time of the Radiography Quiz Bowl.

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- E. Any team application postmarked after the deadline will be returned to the sender with a letter explaining the reason for ineligibility by the Radiography Quiz Bowl Coordinator.
 - F. The Radiography Quiz Bowl Coordinator shall notify any team in writing of any reason for any other disqualification. If there is not time to notify the team in writing, then the Radiography Quiz Bowl Coordinator shall notify the team representative listed on the team application form verbally and in writing as soon as possible. If a team is disqualified at the Quiz Bowl, the Radiography Quiz Bowl Coordinator shall notify the team verbally and in writing as soon as possible.
 - G. If the postmark is illegible, the Radiography Quiz Bowl Coordinator shall use the received date for purposes of documentation.
5. Competition Officials
- A. Moderator
 - 1) The moderator shall receive the master question book at the time of competition and read any announcements that may be necessary.
 - 2) The moderator is responsible for reading all questions and multiple choice answers while simultaneously displaying the question on the projection screen.
 - 3) During the first round of questions and any tie-breaking rounds, the moderator will announce the correct answer at the end of each fifteen (15) second answer period.
 - 4) During the second round or "Lightening Round" the moderator will read and display the answers after all questions have been completed.
 - 5) In the event a team challenges the answer to a question, the moderator will
 - a) locate the challenged question in the master question book
 - b) submit the written challenge and the question to the judges for review
 - 6) The moderator will announce the third place, second place, and first place teams once competition is complete and scores are totaled.
 - B. Team Score Keepers
 - 1) Each team shall provide a team coach who will serve as the score keeper for another competing team during the competition.
 - 2) The score keeper is responsible for accurately tracking the score for the team at his or her table.
 - 3) Score keepers will record the answer give by the team for each question.
 - 4) Scoring answers
 - a) No action is required for correct answers.
 - b) The score keeper will mark incorrect answers on the score sheet with an "X".
 - 5) At the end of each round, the score keeper will total and insert the number of correctly answered questions into the space provided at the bottom of the score sheet.
 - 6) In the event an answer is over-turned or disqualified by the competition judges during a challenge the score keeper will adjust the score according to the direction of the moderator.

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- C. Head Score Keeper
 - 1) The head score keeper is responsible for obtaining and documenting the score (total of correct answers) from team score keepers after each round is complete.
 - 2) The head score keeper will confirm the competition totals (round one and round two answers combined) for each team on the Competition Scoring Sheet.
 - 3) Once competition is complete and scores are totaled, the Competition Scoring Sheet will be given to the moderator to announce the third place, second place and first place teams.
 - D. Competition Judges
 - 1) Competition judges must be knowledgeable in all aspects of radiologic technology.
 - 2) The competition judges, as a group, will consider all challenged questions and make a final decision.
 - 3) Reference materials will be available for the competition judges to use if needed.
 - 4) In the event the competition judges feel a challenged question is non-resolvable, the judges have the authority to disqualify the question. No team will be penalized for disqualified questions.
6. Content of Questions
- A. Questions will be reflective of those found on the ARRT Examination in Radiography.
 - B. All questions are presented in a multiple choice format.
 - C. Questions will fall into the following content categories
 - 1) Radiation Protection
 - 2) Equipment Operations and Quality Control
 - 3) Image Production and Evaluation
 - 4) Radiographic Procedures
 - 5) Patient Care and Education
7. Competition Format
- A. Each team, consisting of three (3) competing team members, will be seated at a table with their backs to the audience.
 - B. Team coaches will be assigned as score keeper of a team other than their own.
 - C. For each question teams will select an answer which will be recorded on the answer sheet by the score keeper.
 - D. Competition will be divided into two (2) rounds of thirty (30) questions each. A short break will be given after each round.
 - 1) Round One
 - a) Questions and multiple choice answers will be read aloud by the competition moderator and displayed for teams on a screen.

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- b) For each question teams will have 15 seconds to select an answer.
 - i. The 15 second timer will begin once the last answer is read for each question.
 - ii. Answers selected after the 15 second time expires (an audible alarm will sound) are ineligible and cannot count toward correct answers.
 - c) The correct answer will be displayed briefly after the answer selection time expires.
 - d) Teams may challenge the answer to any question asked during Round One of competition during the break.
- 2) Round Two “Lightening Round”
- a) Questions and multiple choice answers will be displayed.
 - b) A timer on the screen which will alert competitors to the amount of time available for selecting an answer to the displayed question.
 - c) Questions will automatically advance to the next question when the answer selection time expires.
 - d) Answers to “Lightening Round” questions will be given after all 30 questions have been answered.
 - e) Teams may challenge the answer to any question asked during Round Two of competition after all answers have been announced.
8. Challenging the Answer to a Question
- A. Teams may challenge the answer to any question presented in the competition.
 - 1) Challenges must be submitted in writing.
 - 2) A challenge must include
 - a) the question number
 - b) a short explanation of why the team feels the answer is incorrect
 - c) team name
 - d) submitting participant’s name
 - 3) Challenges should be given directly to the moderator.
 - 4) Coaches and spectators may not submit challenges to questions.
 - B. Teams may challenge the answer to any question only at designated times during the competition.
 - 1) After completion of the first round of competition, teams may challenge the answer to any of the first round questions. This is the only time first round questions may be challenged. Teams may not challenge first round competition questions once the second round has begun.
 - 2) After completion of the second round of competition, teams may challenge the answer to any of the second round questions.
 - 3) If a tie-breaking round is required, second round question may not be challenged once the tie-breaking round has begun.

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- C. The moderator will submit the written challenge and a copy of the question being challenged to the judges for review.
 - D. The moderator will announce the results of the judges' review prior to beginning a new round of questions.
9. Review of Challenged Questions by the Judges
- E. The competition judges, as a group, will consider all challenged questions and make a final decision.
 - F. Reference materials will be available for the competition judges to use if needed.
 - G. In the event the competition judges feel a challenged question is non-resolvable, the judges have the authority to disqualify the question. No team will be penalized for disqualified questions.
10. Tie-Breaking Competition
- A. At least five questions of significant difficulty are reserved for tie-breaking competition.
 - B. Only teams tied for first place at the end of the second round of competition will be scored during the tie-breaking competition.
 - C. Tie-breaking questions will be displayed and read aloud by the moderator.
 - D. Teams will have 15 seconds (longer depending on the type of questions being asked) to select their answer choice.
 - E. An incorrect answer given during tie-breaking competition removes a team from the round. The first team to achieve a score higher than the other teams in the tie-breaking round will be declared the winner.
11. Awards
- A. First Place
 - 1) First place certificate to each participant
 - 2) Traveling Trophy to be awarded for a one year period
 - 3) A monetary award of \$120 total (The check shall be written to the team representative listed on the application. It shall be the responsibility of the team representative to distribute the award monies.)
 - B. Second Place
 - 1) Second place certificate to each participant
 - 2) A monetary award of \$80 total (The check shall be written to the team representative listed on the application. It shall be the responsibility of the team representative to distribute the award monies.)
 - C. Third Place
 - 1) Third place certificate to each participant
 - 2) A monetary award of \$40 total (The check shall be written to the team representative listed on the application. It shall be the responsibility of the team representative to distribute the award monies.)

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12. Documents

- A. Application
- B. Team Score Sheet
- C. Competition Scoring Sheet
- D. Challenge Submission Form

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Team Application Form

Team application may be made by completing the [Radiography Quiz Bowl Team Application Form](#) and mailing it to the Radiography Quiz Bowl Coordinator by the posted deadline date. Application forms will only be accepted by mail. Application forms sent by fax or any other electronic media will not be accepted.

Applications will only be considered if they are completed on the current Radiography Quiz Bowl Team Application Form and all individuals listed on the team roster are current ISRT members¹ at the time of application.

Note: Every individual listed on this application form must be a current ISRT member at the time the form is submitted and at the time of the Quiz Bowl. For each individual listed on this application, please include a copy of their current ISRT membership card.²

PLEASE COMPLETE ALL SECTIONS OF THE APPLICATION. INCOMPLETE APPLICATIONS WILL BE RETURNED.

Team Name:

Team Members:

1. _____
2. _____
3. _____
4. _____ (Alternate)

Program Affiliation:

Program City:

Team Coach: (this individual will serve as a score keeper during the competition)

Designate one individual to be the representative for the team. Provide the requested contact information for the team representative in the event the Quiz Bowl Coordinator should need to contact you prior to the event.

Team Representative's Name:

Representative's Address:

City:

State:

Zip Code:

Phone Number with Area Code

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Email Address:

ATTESTATION STATEMENT: (Representative is submitting for all applicants listed on the application)

I have read the most current rules for the competition posted on the ISRT website. I have the most current application and agree to abide by the rules. I have read and understand this application and to the best of my knowledge, the information is accurate and complete.

Representative's Signature

Date

SEND COMPLETED APPLICATION & COPIES OF ISRT MEMBERSHIP CARDS² TO:

_____	_____
Postmarked/Received	ISRT memberships Verified for all?

Date confirmation sent	

Quiz Bowl Coordinator's Signature	

ISRT STUDENT QUIZ BOWL COORDINATOR

Jane Patton, RT(R)(CT)

929 S. Sycamore Street

Martinsville, IN 46151

Phone 812.881.9064

Email isort@comcast.net

This application may be copied as needed.

¹ Individuals not currently Society members may join the ISRT to fulfill the membership eligibility requirement to compete or serve as a team coach. Join online or download a membership form to mail in at WWW.ISORT.ORG

² An individual who has recently applied for ISRT membership and has not received their membership card may indicate this on the Quiz Bowl application form and proceed with the application process.

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Team Score Sheet

Instructions:

- The score keeper is responsible for tracking the score for the team at his or her table.
- Score keepers will record the answer give by the team for each question next to the appropriate question number.
- After the correct answer is announced, the score keeper will mark incorrect answers on the answer sheet with an "X". No action is required for correct answers.

TEAM:

Round One		Round Two		Tie-Breaker Round
Q 1	Q 26	Q 31	Q 56	TB 1
Q 2	Q 27	Q 32	Q 57	TB 2
Q 3	Q 28	Q 33	Q 58	TB 3
Q 4	Q 29	Q 34	Q 59	TB 4
Q 5	Q 30	Q 35	Q 60	TB 5
Q 6		Q 36		TB 6
Q 7		Q 37		TB 7
Q 8		Q 38		TB 8
Q 9		Q 39		TB 9
Q 10		Q 40		TB 10
Q 11		Q 41		
Q 12		Q 42		
Q 13		Q 43		
Q 14		Q 44		
Q 15		Q 45		REGULAR COMPETITION
Q 16		Q 46		Round One # Correct:
Q 17		Q 47		Round Two # Correct:
Q 18		Q 48		Total Correct Answers:
Q 19		Q 49		
Q 20		Q 50		
Q 21		Q 51		
Q 22		Q 52		
Q 23		Q 53		
Q 24		Q 54		
Q 25		Q 55		
Round One Number Correct:		Round Two Number Correct:		

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Question Challenge Submission Form

Instructions:

- Only student team members participating in the competition are eligible to challenge the answer to a question. Team coaches and spectators may not submit a challenge.
- Challenges must include all information requested below.
- Give completed challenge forms to the moderator.
- The moderator will locate the challenged question in the master question book and present the written challenge and question to the judges for review.
- The moderator will announce the results of the judges' review prior to beginning a new round of questions.

Questions number _____

Short explanation of why the team feels the answer is incorrect:

Team name _____

Submitting participant's name _____

JUDGES RESPONSE:

- The original answer is CORRECT
- The original answer is INCORRECT. The correct answer should be _____
- The question has been disqualified by the judges. Teams should not count this question.

Comments
