



Institute of Computer Engineers of the Philippines

SEC Reg. No. 201120675

QUIZ BOWL

(Note: This guideline is intended for the National CpE Challenge. If the same shall be used for Regional Competitions, necessary changes may do, if applicable).

ICpEP Quiz Bowl Competition aims to promote camaraderie, sportsmanship, and integrity among different member regions in the Philippines. It is also an avenue for the member schools to develop their competence with the core subjects of the Computer Engineering (CpE) Program.

THE COMPETING TEAM

1. Each participating region is entitled to send one team (the regional team's champion) composed of three (3) ICpEP student members regardless of year level endorsed by the ICpEP Regional Chapter President. Regions with twenty or more schools offering BSCpE program may send maximum of two (2) teams.
2. A registration fee of Php 1,500.00 per team shall be collected
3. All team members must be currently enrolled in BSCpE program during the time competition.
4. The region assigns a faculty member who shall serve as coach. The coach is also the team's official representative and only authorized person to file a protest in behalf of the team.
5. List of participants (*form provided on the last page*) must be sent through email, dion_tand@yahoo.com, on or before **November 10, 2018** (*for National Competition only*). Late submission of entries shall not be accepted.

THE BOARD OF JUDGES (BOJ)

The BOJ shall be composed of three (3) professionals or experts in the field of digital circuits and must come from a third party committee who have no direct relation to any of the teams. They shall convene to resolve any issue that may arise during the conduct of the competition.

SOURCES OF PROBLEMS:

1. Each region, through the Regional President, shall submit ten (10) questions with answers, one (1) question per category, to Engr. Dion Tandingan, ICPEP National VP for Education at dion_tand@yahoo.com. (***For National competition only, deadline of submissions of questions with answers shall be on or before October 31, 2018.***) However, the committee reserves the right to include, modify or exclude the submitted questions for particular reasons.

2. Questions shall come from 10 different categories namely:

1. Data Structures and Algorithm	6. Operating Systems
2. Logic Design and Switching Theory	7. Computer Networks
3. Computer Systems Architecture and Organization	8. Systems Analysis and Design
4. Microprocessor Systems	9. Software Engineering
5. Engineering Ethics and Computer Laws	10. General Information

MECHANICS:

1. Preparation:

- a. All cellular phones and other similar gadgets are prohibited inside the competition.
- b. References such as books, brochures, notes, as well as calculators and other computing devices, shall not be allowed during the competition.
- c. Each team shall be provided with scratch papers, pens, a marker, and an answer board.

2. Competition proper

- a. There shall be three rounds in the competition – **Easy, Average, and Difficult rounds** which consist of ten (10) questions each round.
- b. The distribution of questions is the following:

Categories	Number of Questions		
	Easy	Average	Difficult
1. Data Structures and Algorithm	1	1	1
2. Logic Design and Switching Theory	1	1	1
3. Computer Systems Architecture and Organization	1	1	1
4. Microprocessor Systems	1	1	1
5. Engineering Ethics and Computer Laws	1	1	1
6. Operating Systems	1	1	1
7. Computer Networks	1	1	1
8. Systems Analysis and Design	1	1	1
9. Software Engineering	1	1	1
10. General Information	1	1	1
TOTAL	10	10	10

- c. Each correct answer is worth 5, 10, and 15 points respectively.
- d. The Quiz Master shall read each question twice (2x).
- e. Teams are allowed to write down their answer in the answer sheet only after the first reading of the question.
- f. At the end of the time limit, a buzzer shall be heard and the teams are required to raise their answer sheet. Teams that fail to raise their answer sheets shall be given automatically a score of 0 (zero) for that question.
- g. All answers in the answer sheet must be written clearly. Erasures are not allowed and shall be automatically awarded a score of 0 (zero) for that

- question.
- h. Each team is only allowed erase their final answer after the Quiz Master has read their answer in which scores are immediately tallied in the score board.
 - i. The team who garnered the highest combined score at the end of three (3) rounds shall be declared as the Champion. Moreover, the team who garnered the second and third highest combined scores shall also be declared as the first and second runners-up, respectively.
 - j. In case of a tie, a **Clincher** round shall be made to break the tie. The team who got the correct answer first shall be declared as Winner.
 - k. Any team caught cheating shall be disqualified and is immediately out of the competition.

FILING OF PROTEST

1. Should there be a protest or any contest in an item within the competition proper, only the participants should raise their hands to be recognized by the Quiz Master. The BOJ shall immediately decide whether the protest is valid or invalid. The BOJ shall immediately determine any course of action to be taken with such protest. The decision of the BOJ is always final and irrevocable.
2. Any protest regarding an item shall no longer be entertained at the time the Quiz Master utters the first word of the succeeding question.



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QUIZ BOWL OFFICIAL ENTRY FORM NATIONAL COMPETITION

Region: _____

School: _____

Participants:

Name	Year Level	Signature
1.		
2.		
3.		

Submitted by:

Signature over Printed Name of Coach

Endorsed by:

Signature over Printed Name of ICpEP Regional Chapter President



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QUIZ BOWL OFFICIAL ENTRY FORM REGIONAL COMPETITION

School: _____

Participants:

Name	Year Level	Signature
1.		
2.		
3.		

Submitted by:

Signature over Printed Name of Coach

Endorsed by:

Signature over Printed Name of Program Chair/Head