

PAKCRYPT 2023 ROUND 2 (AMØ): INSTRUCTIONS

- The Round 2 competition link will be active from 10:00 PM on Friday, November 17, 2023, till 02:00 PM on Sunday, November 19, 2023. Any changes to this time will be posted online.
- The concepts in "Stu Schwartz: Cryptology for Beginners" will help to unlock many riddles.
 - Make sure to get grip on modular arithmetic and basic concepts (ciphertext, plaintext, key, matrix, etc.)
 - Questions in Round 2 are designed uniquely that must be attempted as they are, which may deviate from Stu Schwartz.
- Please be advised that NCCS takes fraud seriously and will pursue all such cases of plagiarism, misconduct, hacking, and unauthorized advantage in the PakCrypt selection process, under applicable laws of land, including the Pakistan Penal Code, the Prevention of Electronic Crimes Act 2016, and Cybersecurity Policy 2021.**

GENERAL RULES

- You may use any available internet and book resources, including AI tools and software, but you are responsible for their authenticity. Online sources may not provide accurate information or analysis for complex problems.
- You may consult others for knowledge, but solve competition questions independently and privately. The questions you see are tailored to your individual account, so please do not post any questions or solutions online.
- No negative marking. Progress is saved automatically, so you can take a break anytime. To skip a question, enter a guess. You can change your answers until you submit the quiz.

Round 2 questions aren't arranged by difficulty, so take a quick glance at all of them before diving in. Start with the ones that seem easiest to you. While you won't be expected to answer every question, the more you tackle, the better your chances of success.


INSTRUCTIONS FOR SOLUTION SUBMISSION

- To submit your handwritten steps, create a folder on Google Drive and share it. Paste the shareable link when prompted during the online Round 2 contest.
 - Keep your shareable links active and accessible to NCCS auditors until December 31, 2023. If links are not accessible, you will be suspended from the process and warned.
 - Do not make any changes to your submitted solutions in Google Drive after submitting them. Any late modifications will result in disqualification.

Share "Solutions" ? ⚙️

Add people and groups

People with access




PakCrypt Circle (you)

pakcrypt@nccs.pk

Owner

General access



Anyone with the link ▼

Anyone on the internet with the link can view

Viewer ▼

? Viewers of this file can see comments and suggestions

🔗 Copy link

←

Done

- Create a separate folder for each question in the shared folder, and name the folder using the question number.

3. Keep at least 20-30 blank white sheets of paper for solving questions by hand in Round 2 slot. You will need to scan or photograph these sheets later. On each answer sheet, clearly write your name, question and page number by hand at the top.



4. For each question presented online, first try to solve it on scratch paper. This will help you to organize your thoughts and come up with a solution.

5. Once you have finalized your solution, write the steps on the blank white answer sheets and take clear properly-focused photos of them, or scan them. Acceptable file formats are JPG, PNG, and PDF. The file name must clearly indicate the question number and page number (if the solution spans multiple pages).

6. Upload your solutions to the corresponding folder in your Google Drive. The folder name must match the question number as it appears online.

7. Also submit your final solution online in the relevant fields for auto-checking. Be sure to follow the instructions in the question precisely when writing your final answer online, or the auto-checker will mark it incorrect.

Ensure your hand-written work is scanned in high resolution and uploaded to the designated Google Drive folder during Round 2 submission. Your work will undergo a thorough evaluation by a panel of esteemed domain experts.