



Round 1 (Qualifying Round)

- Conducted **online**.
- Consists of **10** multiple choice questions (**MCQ**) and **10 short answer subjective**.
- (i) Section A: 10 MCQ (3 marks/ question)
- (ii) Section B: 10 subjective (5 marks/ question)
- Questions are in **English**.
- Time allocated is **2 hours**.
- **Top 50 scorers** will **qualify to Round 2**. Placements are based on **scores**.
- If scores are tied, **duration used** to complete the test will be considered. For rare cases, **total numbers of correct answers** will be considered.

Round 2 (Final round)

- Conducted **online**.
- Consists of **subjective questions**.
- Questions are in **English**.
- Time allocated is **2 hours 30 minutes**.
- Extra 15 minutes will be given for submission.
- **Only scientific calculators** are allowed. Phones, programmable calculators and other electronic devices are strictly prohibited.
- Winner is chosen based on scores according to working and solutions.

Prizes and Benefits

- All participants will receive an **E-certificate** after completing Round 1.
- Winners for Round 2 will receive cash prizes as below:
 - i. 1st prize: **RM600** and **Certificate**
 - ii. 2nd prize: **RM450** and **Certificate**
 - iii. 3rd prize: **RM350** and **Certificate**
 - iv. 7 × Consolation prize: **RM80** and **Certificate**

Rules and Regulations

- Open to **18-21 years old** Malaysian, especially pre-university students (STPM, Matriculation, Foundation, A-Levels, etc), Diploma students and undergraduate students.
- Competition will start on time as per scheduled.
- Organizers will not be held responsible for any lost entries, delayed or corrupted submission, computer server error and other technical difficulties.
- Participants are **not allowed** to have conversation(s), discussion(s) and exchange of information with any other parties during the competition
- Reference material(s) and cheating are **strictly prohibited**. All participants are expected to be honest and uphold the highest integrity.
- Participants will be **disqualified** if there are any discrepancies, incomplete information or found to be dishonest such as access to forbidden material(s), screenshot or download question files and plagiarism.
- **Cameras set up** are required for monitoring purposes throughout **Round 2**. “Virtual Background” is not allowed throughout the exam session
- Participants are required to be alone throughout the session. Any interruption or disruption shall be avoided. Entire session is expected to be free from any distracting background noise.
- Mobile phone(s), tablet(s) and/or other electronic gadget(s) are not permitted to be used throughout the competition unless authorised and/or instructed by the invigilator(s) for use as a webcam and/or answering question(s); otherwise, they must be placed on the table and visible to the invigilator(s).
- **All irrelevant** program(s), software and/ or website(s) during the competition must be closed throughout the competition.
- A **DISQUALIFICATION** will be issued after **THREE** warnings are given on suspicious act(s) and/ or movement(s).
- Failure to comply with instructions will provide sufficient grounds for organizers to disqualify participants. Organizers have the rights to withhold participants’ results and report to relevant authorities.
- **Rules and Regulations** are **subjected to change** if deemed inappropriate by the organizer. Organizer reserves the right to amend the aforementioned rules and regulations **without prior notice**.
- All matter(s) and/ or decision(s) relating to competition and prizes shall not be contested. No appeal will be entertained.

Preparation guide

- **Minimum Browser Requirements**

Google Chrome, Mozilla Firefox, Safari, Edge, Internet Explorer

- **Minimum Device Requirements**

Smartphones(Android, iOS and Windows), Tablets, iPads, Laptops and Desktop Computers with Internet ***[Laptops or pc are recommended for Round 2]***

- **Technical requirements**

Please ensure devices meet the following minimum technical requirements:

Type	Minimum	Recommended
Google Chrome	Version 45 or latest	Version 45 or latest
Web cam	680x480 resolutions	1280x720 resolutions
PC users	Windows 7	Windows 10
MAC users	OS X 10.5 or higher	OS X 10.13 High sierra
Internet Connection Type	Broadband	Broadband
Internet Download Speed	15 Mbps	35 Mbps
Internet Upload Speed	3 Mbps	15 Mbps
RAM	4 GB	8 GB

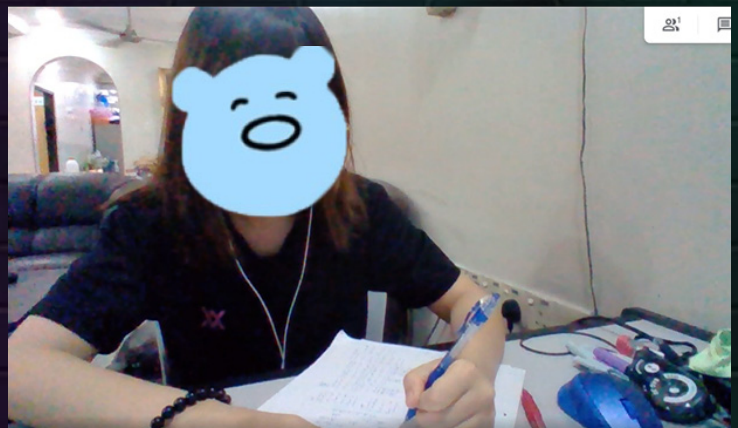
During Round 1

- Participants are to get ready 15 minutes earlier to our SpeedExam platform to take the test. (Test run date will be announced on Facebook.)
- Camera set up is not needed.
- Make sure the internet connection is stable.

Details for Round 2

• Before the Competition

1. Participants are to enter the **Zoom** room, 15 minutes prior to the online National Statistics Competition.
2. Participants who are late will not be disqualified. However, answering time will not be extended.
3. Participants are required to set up the camera angle as below:



Participants can either use a smartphone or a web-camera to set up.
(Remark: Kindly install the Zoom app if a smartphone is used.)

• During the Competition

1. All working and answers ***must be handwritten*** on paper or iPad/tablet.
2. Participants are to complete the required questions within the time frame allotted.
3. Participants are not allowed to leave the camera vision for more than 3 minute except with appropriate reasons.
4. Please be aware of the answering time. Stop answering and submit the answer sheet before the submission portals close.

- **After the Competition**

1. Answer sheets must be submitted as a **PDF format**. Consider using a scanner or applications such as **CamScanner (Can be downloaded free in playstore)** to convert your handwritten answer sheet to PDF. Ensure that scanned answers can be read clearly.

2. Name the PDF with name and school.

Example: LowTianXin_USM.pdf

3. If participants encounter problems during the submission, **immediately** contact the PIC for **an alternative way of submission**:

Lee Shao Jun 011-2145 5323

Lee Kah Zheng 011-3985 2824



National Statistics Competition

Persatuan Sains Matematik

Pusat Pengajian Sains Matematik, Universiti Sains Malaysia,

11800 USM Penang, Malaysia.

Website: <https://sites.google.com/view/nationalstatisticscompetition> ||
<http://math.usm.my/>

Email: nsc.interior.usm@gmail.com

Facebook: <https://www.facebook.com/USMnsc>