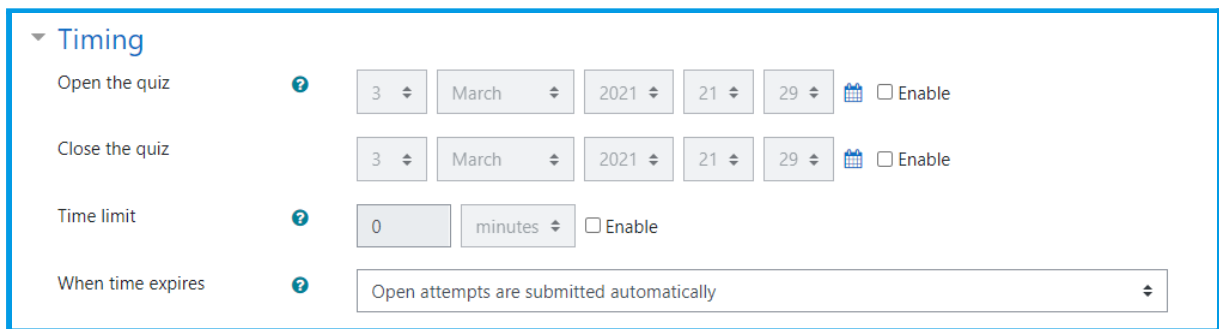# Manual SEB Configuration Guideline

- **Download** **SEB** <mark>version 3.2 for Windows</mark> or <mark>version 2.3 for macOS</mark> from https://safeexambrowser.org/download_en.html and **Install** on two separate devices.
(Please make sure you are downloading the exact same version depending on your OS.)

- Login to OAS, go to the relevant course page,
Turn editing on > **Add an activity** and **Select Quiz**.

- Name the quiz with your course code and title.
Eg: CO222 - Programming Methodology

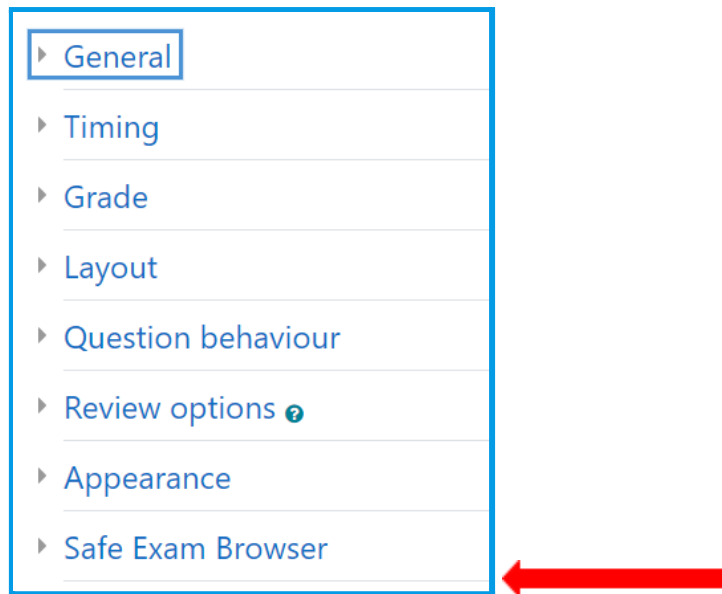- **Set the exam timing as per the schedule given by AR.**
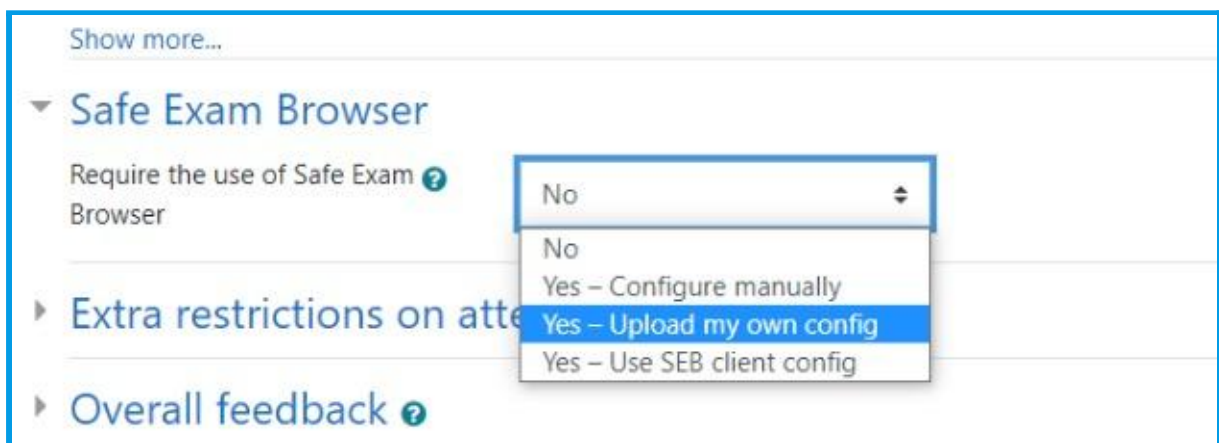
Figure 1: Set up exam timing on the quiz

- Set the other quiz settings as per the assessment guidelines given by AR and add the Questions.

- To configure SEB,
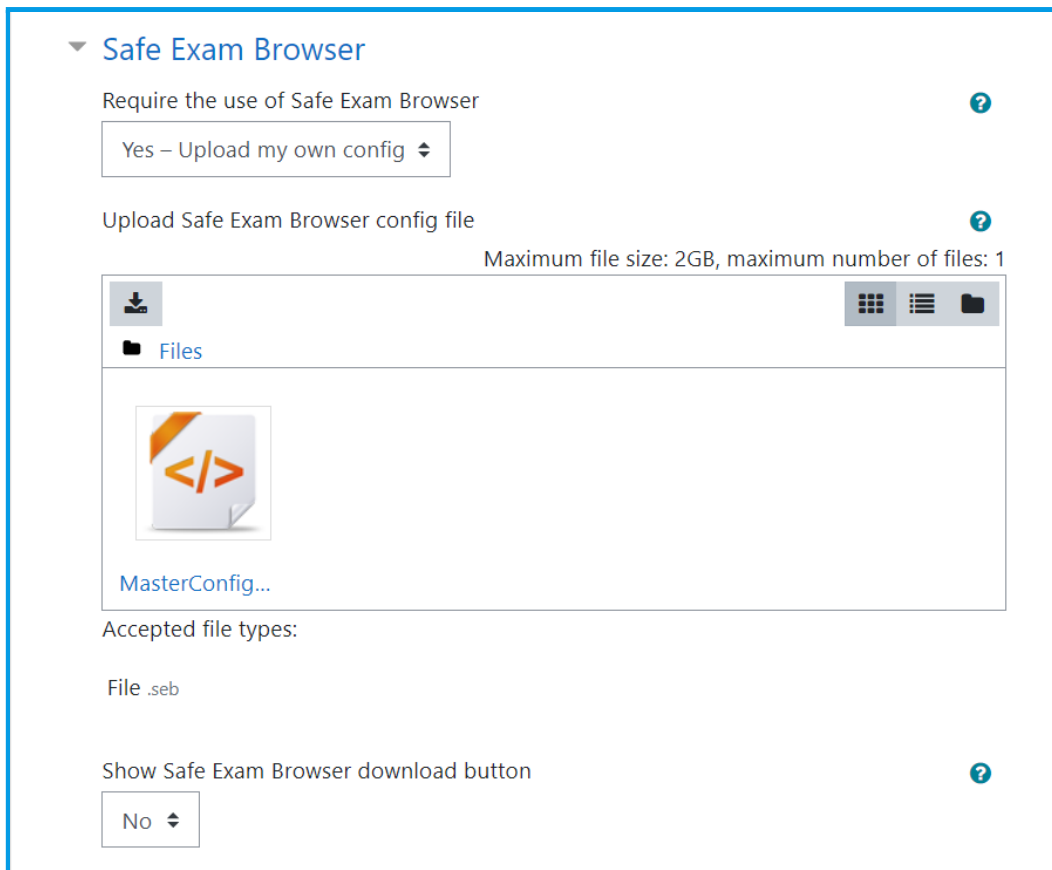**Expand Safe Exam Browser** in quiz settings.

Figure 2: Expand Safe Exam Browser in quiz settings

- From the drop-down menu,
select **Yes – Upload my own config.**

Figure 3: Select Yes – Upload my own config

- Upload the MasterConfiguration.seb file

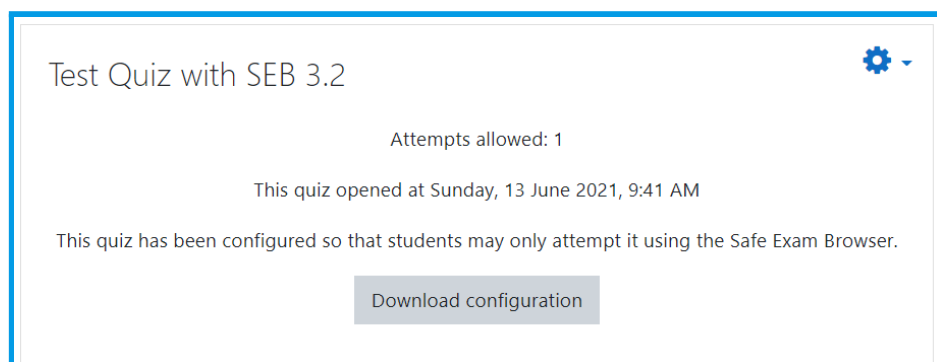- Select **"No"** for show Safe Exam Browser download button

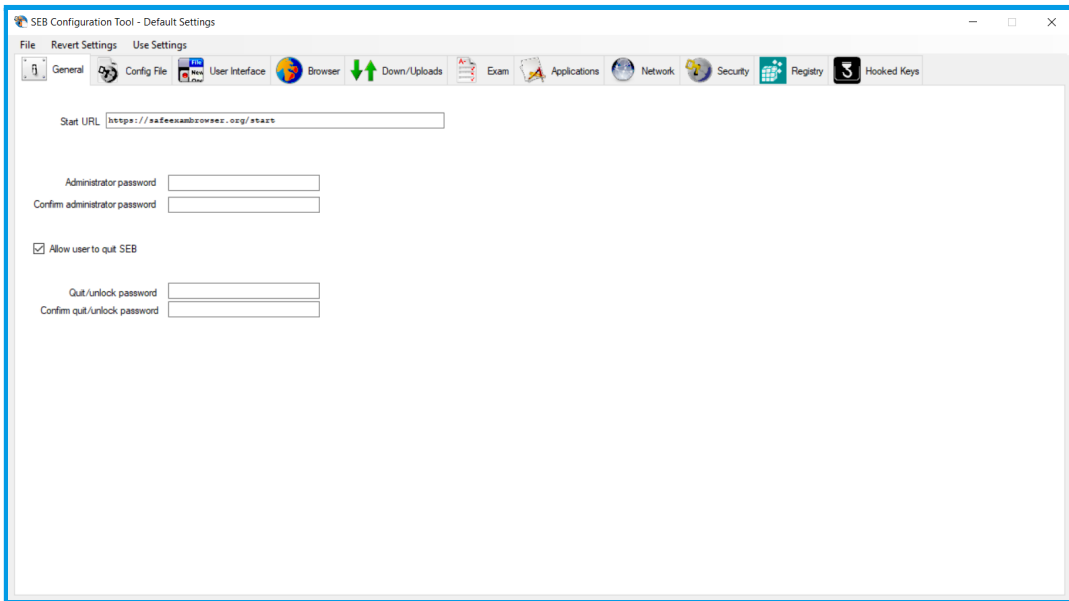*Figure 4: Upload the MasterConfiguration.seb File*

- **Save the quiz.**

Now we need to set up the browser keys for the quiz to make sure candidates are using the same exam configs

- **View** the quiz and **Download** the configuration file.
(This downloaded file will be referred to as the **'examConfig'** file)
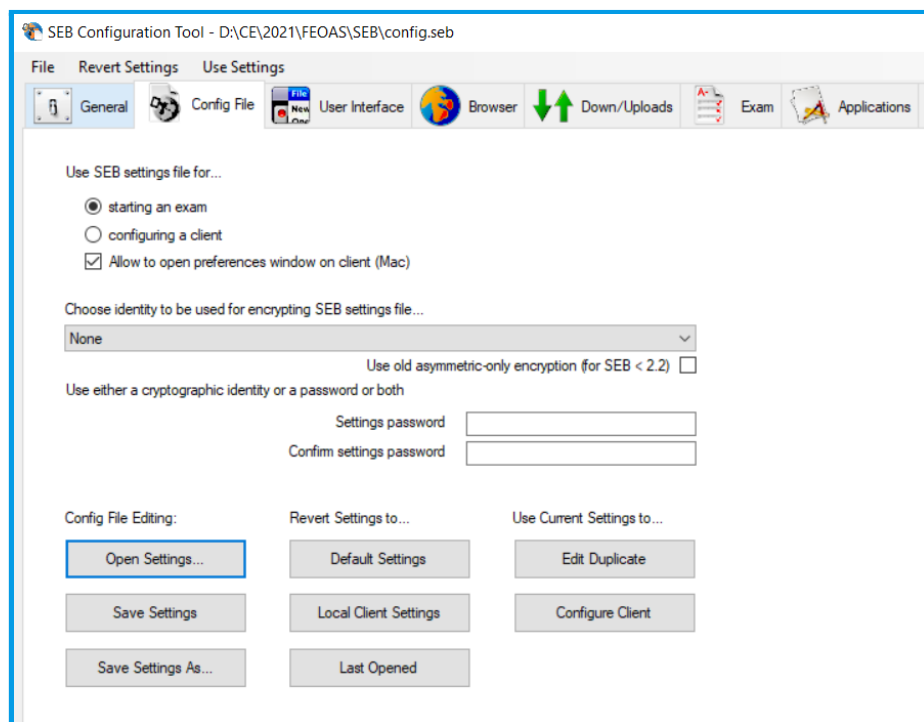

Figure 5: Download the configuration file

- **Open SEBConfigTool** (Can be found in path *<SEB_installation_folder>/Configuration*).

Figure 6: SEBConfig Tool

- Go to the **"Config File" tab** and click the **"Open settings"** button and choose the previously downloaded *'examConfig'* file from file explorer.

Figure 7: Config File Tab – Open settings and choose the configuration file

- Once the settings are opened go to the **"Exam"** tab and **copy the Browser key.**

==If you have students who are using macOS based machines to do the exam, you have to get this browser key for macOS also.==

(For that you have to open the config file from SEBConfigTool in MacOS and get the key.)
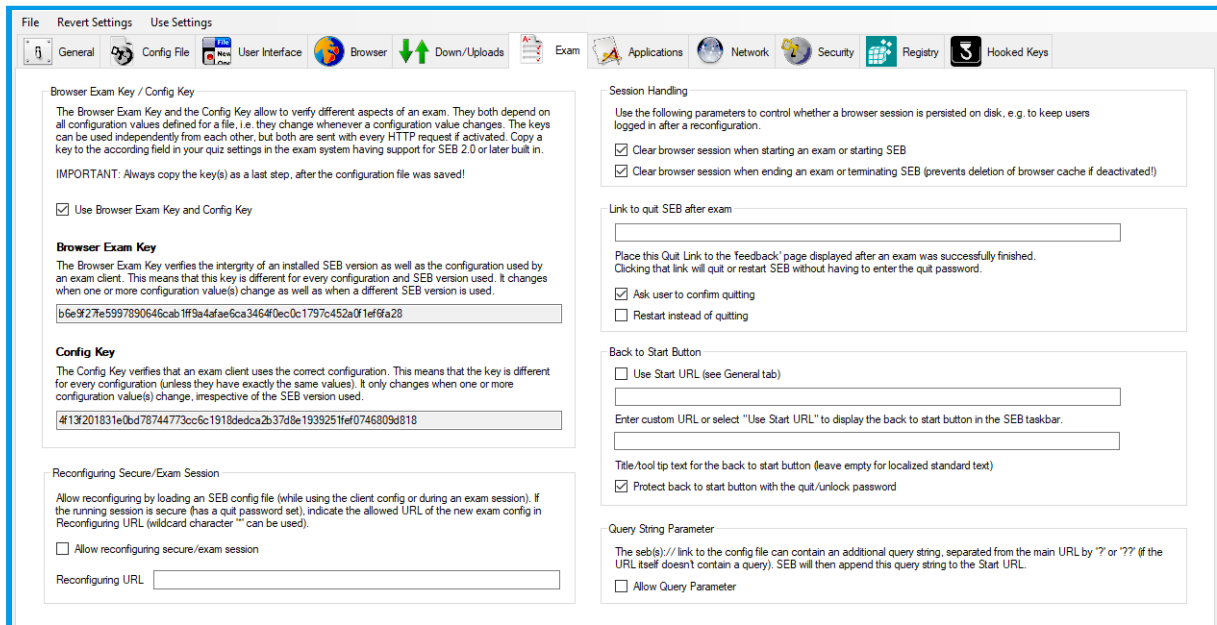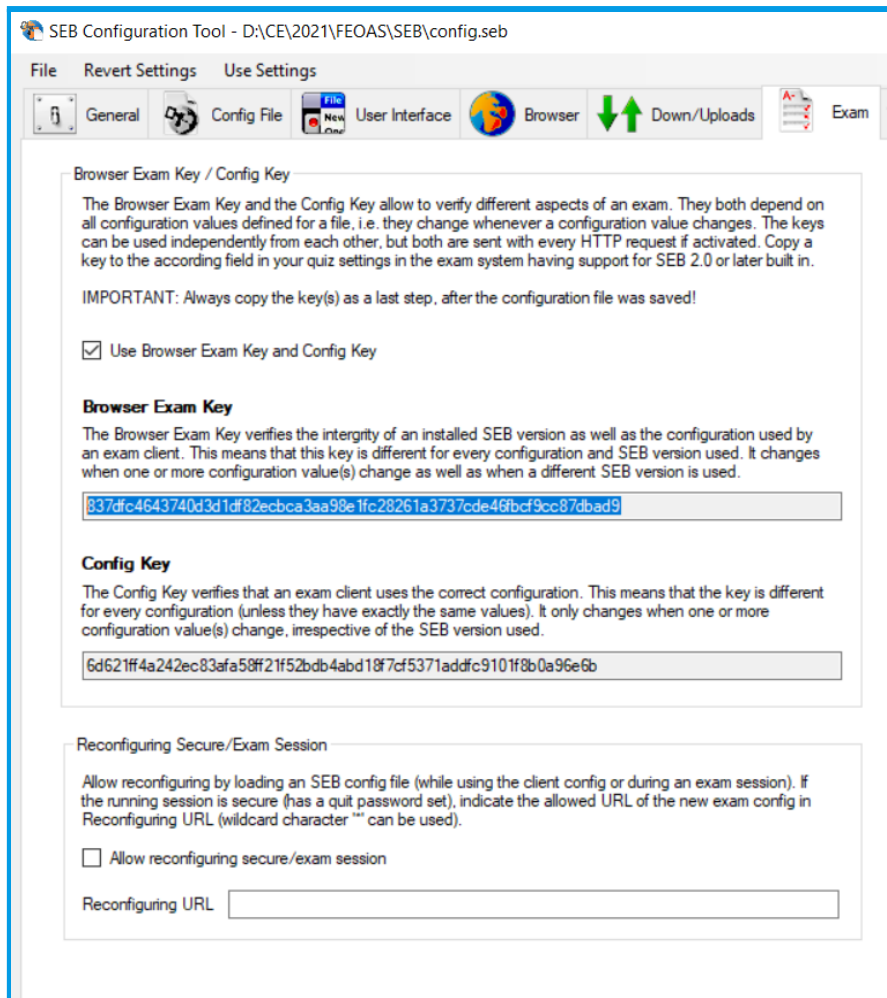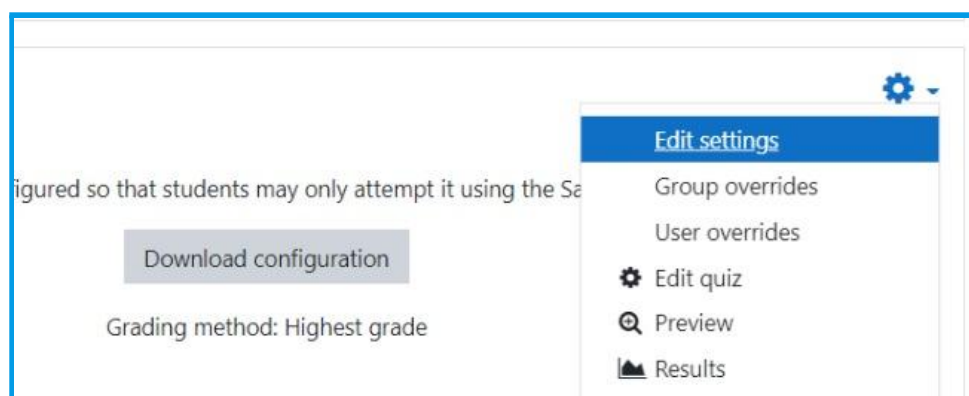

Figure 8: Exam Tab and Browser Key
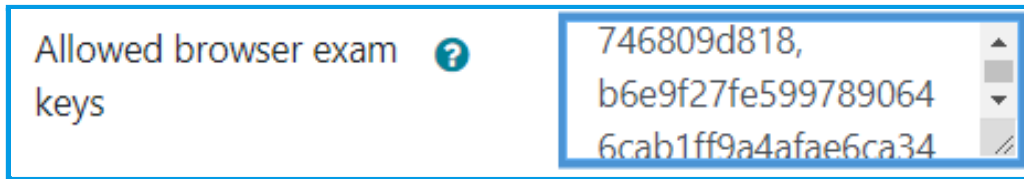
Figure 9: Copy the Browser Key

- **Open** the **Created quiz.**

- Then, **click** the **Settings** button and **select Edit settings.**
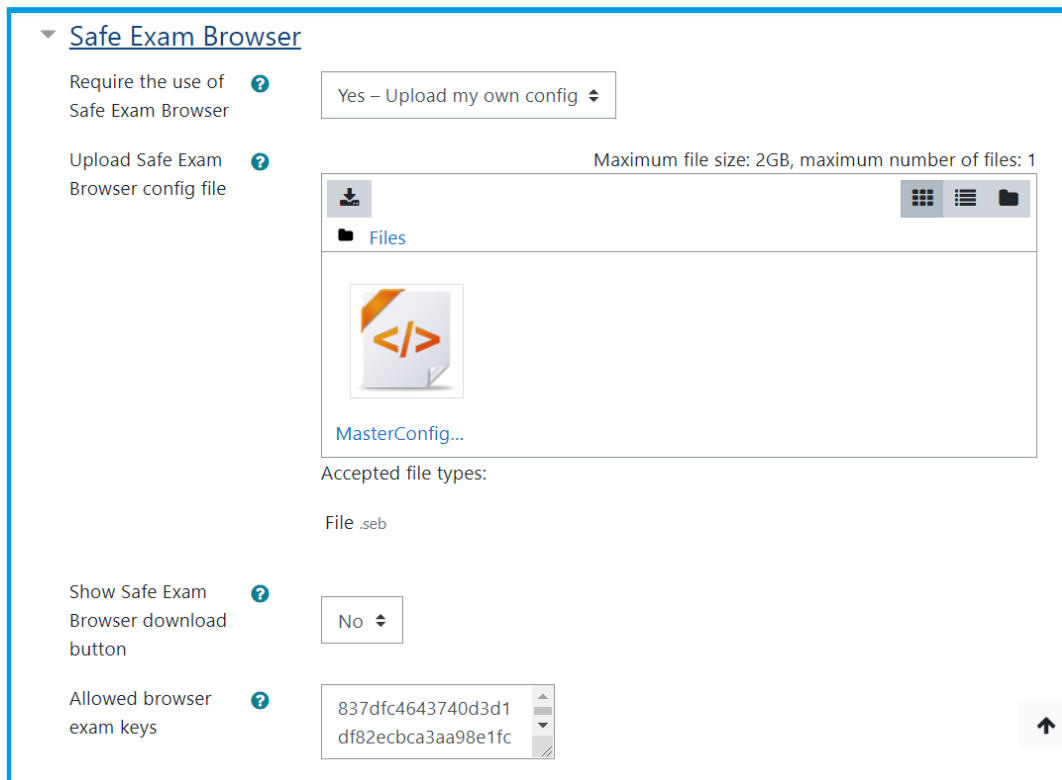

Figure 10: Edit settings

- In settings **open Safe Exam Browser** and **paste the Windows and macOS Browser keys**

(Make sure to put a comma and keep a new line between 2 keys)

Figure 11: Paste browser keys

- The final quiz settings for SEB will appear as follows

Figure 12: Final Quiz Settings

- **Save the quiz.**

- Now the quiz is ready for the candidates.