STEP-BY-STEP ACCREDITATION

PROCEDURE

(Network Test)



JAMB Unified Tertiary Matriculation Examination (UTME)



NETWORK TEST MANUAL

- a. Install java version jre-8u 151.
- b. Extract the content of the **rapidtestlite-networktest** zip folder and copy its content on the C: drive.

A. Candidate Systems Custom Browser v 0.2-beta (network test mode)

- 1. Copy the *custombrowser_v2 folder* on the hard drive of candidate systems.
- 2. Create a shortcut of the custombrowser_v2 jar file on the desktop.
- 3. Launch (double click) the custom browser shortcut on the desktop. A green window as shown below should appear.

_	×
SELECT BROWSER MODE	
NETWORK TEST	
EXAM	
Server Ip Address Register Backup	

4. Click on network test. After some seconds, a window showing the system details and IP address as seen below would appear.

Note: candidate systems to be used as backup mustn't be used for network test.



		_
	NETWORK TEST MODE	
Serial Number	001528570757	
Processor Id	BFEBFBFF000406E3	
Motherboard Id	A84593001652706A	
Operating System	Microsoft Windows 10 build 15063	
Processor	Intel(R) Core(TM) i7-6600U CPU @ 2.60GHz	
Memory	15.9 GiB	
Hard Drive	475.7 GiB	
Screen Size		
PC Name	DESKTOP-P0KJ14P	
IP Address	192.168.8.102	
Network Card Max Speed		
CPU Load		

B. Candidate Systems Custom Browser v 0.2-beta (Register Backup)

To register a backup system:

- a. launch custom browser on backup systems,
- b. enter the IP address of the server,
- c. click register backup.



C. Server (network test installation)

- 1. Install java version jre-1.8u 151 on the server.
- Launch command prompt, make the folder containing the network test app (*rapidtest_lite_networktest-o.o.1-SNAPSHOT*) the parent directory in this case (C:\rapidtestlite-networktest>). Then use the command line below: *java -jar*

rapidtest_lite_networktest-0.0.1-SNAPSHOT.jar. See the picture below for details.

C:\WINDOWS\system32\cmd.exe × Microsoft Windows [Version 10.0.15063] (c) 2017 Microsoft Corporation. All rights reserved. C:\Users\ Jamb-software >cd C:\rapidtestlite-networktest C:\rapidtestlite-networktest>dir Volume in drive C is Local Disk Volume Serial Number is D079-03A9 Directory of C:\rapidtestlite-networktest 11/24/2017 12:01 PM <DIR> 11/24/2017 12:01 PM 11/24/2017 12:02 PM custombrowser_v2 32,750,556 rapidtestlite_candidate-0.0.1-SNAPSHOT.jar 36,857,006 rapidtest_lite_networktest-0.0.1-SNAPSHOT.jar 69,607,562 bytes 11/21/2017 04:00 PM 11/21/2017 08:47 PM 2 File(s) 3 Dir(s) 123,788,853,248 bytes free C:\rapidtestlite-networktest>java -jar rapidtest_lite_networktest-0.0.1-SNAPSHOT.jar_

3. Press enter to execute the command. A window similar to the one below should appear



C:\WINDOWS\system32\cmd.exe - java -jar rapidtest_lite_networktest-0.0.1-SNAPSHOT.jar	—		×
2017-11-24 12:55:38.364 INFO 9728 [main] s.w.s.m.m.a.RequestMappingHandlerMapping : Mapp st/getquestion/{ipAddress}/{iteration}],methods=[POST]}" onto public byte[] rapidtest_lite.networkTest.co ller.getQuestions(java.lang.String,int)	ed "{[/ ontrol]	network ler.cont	kte ^ tro
2017-11-24 12:55:38.366 INFO 9728 [main] s.w.s.m.m.a.RequestMappingHandlerMapping : Mappist/dashboard],methods=[GET]}" onto public rapidtest_lite.networkTest.model.NetworkTestDashBoard rapidtest_st.controller.controller.loadDashBoard()	ed "{[/ t_lite.	network network	kte KTe
2017-11-24 12:55:38.367 INFO 9728 [main] s.w.s.m.m.a.RequestMappingHandlerMapping : Mapp st/donee/{ipAddress}],methods=[POST]}" onto public void rapidtest_lite.networkTest.controller.controller _lite.networkTest.entity.SystemConfig,java.lang.String)	ed "{[/ .donee(network rapidte	kte est
2017-11-24 12:55:38.370 INFO 9728 [main] s.w.s.m.m.a.RequestMappingHandlerMapping : Mapping to public org.springframework.http.ResponseEntity <java.util.map<java.lang.string, java.lang.object="">> or rk.boot.autoconfigure.web.BasicErrorController.error(javax.servlet.http.HttpServletRequest)</java.util.map<java.lang.string,>	ed "{[/ rg.spri	/error]] ingframe	}" ewo
2017-11-24 12:55:38.372 INFO 9728 [main] s.w.s.m.m.a.RequestMappingHandlerMapping : Mappingues=[text/html]}" onto public org.springframework.web.servlet.ModelAndView org.springframework.boot.ar .BasicErrorController.errorHtml(javax.servlet.http.HttpServletRequest,javax.servlet.http.HttpServletResp	ed "{[/ utoconf onse)	/error], igure.v	,pr web
2017-11-24 12:55:38.428 INFO 9728 [main] o.s.w.s.handler.SimpleUrlHandlerMapping : Mappi bjars/**] onto handler of type [class org.springframework.web.servlet.resource.ResourceHtpRequestHandle	ed URL	path [/	/we
] onto handler of type [class org.springframework.web.servlet.resource.ResourceHttpRequestHandler] 2017-11-24 12:55:38.486 INFO 9728 [main] o.s.w.s.handler.SimpleUrlHandlerMapping : Mappi	ed URL	path [/	/**
<pre>/favicon.ico] onto handler of type [class org.springframework.web.servlet.resource.ResourceHttpRequestHan 2017-11-24 12:55:38.533 INFO 9728 [main] oConfiguration\$WelcomePageHandlerMapping : Addi additional additional additionadditional additiona additional additional addition</pre>	ndler] ng welo	come pag	ge:
2017-11-24 12:55:38.746 INFO 9728 [main] o.s.j.e.a.AnnotationMBeanExporter : Regi r JMX exposure on startup	stering	g beans	fo
2017-11-24 12:55:38.821 INFO 9728 [main] b.c.e.u.UndertowEmbeddedServletContainer : UndertowEmbeddedServletContainer : UndertowEmbeddedServletContainer <t< td=""><td>rtow st</td><td>arted o</td><td>on</td></t<>	rtow st	arted o	on
2017-11-24 12:55:38.832 INFO 9728 [main] rapidtest_lite.RapidtestLiteApplication : Star eApplication in 7.624 seconds (JVM running for 8.245)	ced Rap	oldtestl	.11

4. Alternatively, you can double click on the network test app, wait for some minutes before carrying out network test. Please note, its advised to use the command prompt method.

D. Procedure to carry out network test

- 1. Ensure steps 1 to 4 for candidate system custom browser network test has been carried out on all candidate systems to be used for the exam.
- Once installation of the network test app is complete on the server, open google chrome browser. Enter <u>http://localhost:8080</u> in the URL bar as seen below.



5. On pressing enter key, RAPIDTEST-LITE network test page loads. Click enter.



6. On getting to the dashboard, click on the **start test** button to begin network test. A pop up appears, confirming network test has begun.

\leftrightarrow \rightarrow C (1) localhost:42	200/rapidtest/admin-dashboard/network-test		९ 🖈 🅄 😔 🕕 🔏 🔯 🗄
			Welcome to CBT-Lite Dashboard 🛛 🕪 Log out
Ø Network Test	Network Test		
🖵 Computer Systems			
ପର୍ଚ୍ଚ Test Result	Start Test		Stop Test
Register Center	Total Active Systems	Total Completed Iterations	Total Duplicated IP Addresses



7. All candidate systems should start performing 10 iterations immediately network test begins. The picture below shows an iteration of 5 of 10.

		- 🗆
	NETWORK TEST MODE	
Serial Number	001528570757	
Processor Id	BFEBFBFF000406E3	
Motherboard Id	A84593001652706A	
Operating System	Microsoft Windows 10 build 15063	
Processor	Intel(R) Core(TM) i7-6600U CPU @ 2.60GHz	
Memory	15.9 GiB	
Hard Drive	475.7 GiB	
Screen Size		
PC Name	DESKTOP-P0KJ14P	
IP Address	192.168.8.102	
Network Card Max Speed		

8. Once all candidate systems have completed iterations as indicated on the dashboard, click *stop test*.

			LONISSION AND LONISSION
← C 0 © 192 148.8.	04.000/vg/dest/admin-dashboard/hetwork-text		
			Webcome to CBT Use Dephtroent / Ver Log tout
C Network Test	Network Test		
Computer Systems	Ren Texa		En las
I fogster Center	Etutat Active Systems 2 e	Image:	Trial Deployment if Asthronge

9. After clicking stop test, a new page showing the network test results appears.

							Statistics of the local division of the loca	and the second second
							Webiame to CBT Use D	infinite (* Lignal
Network Test	Network Test							
Computer Systems	Home / Test Details							
Test Result								
legister Cetter	Network Test Details							
	PAddama B	System Serial No. 8	Mac Address 8	System Name #	Rancillos 🛢	Operating Tyritem #	No. Of Iterations. @	Average Response Time (sec) 2
	102.168.8.101	001528576757	80-83-85-25-80-16	DESKTOP-POKJ14P	153.08	Morosoft Windows 10 build 15063	10	0.7797000000000001
	192.168.8.104	CD62811	4C-EB-42-38-70-66	multilenstessign	79.08	Microsoft Windows 8.1 Prioreal build 9600	10	0.0759
	-							



10. To upload your results and computer systems, go to **Register Centre**, fill out the centre registration form, and submit by clicking *add centre*. A notification will appear to confirm centre registration was successful.

\leftarrow \rightarrow C \bigcirc localhost:420	00/rapidtest/admin-dashboard/regis	ter-center	९ 🖈 🚺 😔 🛈 🧷	© :
			Welcome to CBT-Lite Dashboard 🛛 🕪 Log o	aut
Ø Network Test	Register Center			- 1
🖵 Computer Systems				- 1
og Test Result	Center Registration Form			
📕 Register Center	Reference Number	Reference Number		
	Center Name	Center Name		
		add center		

11. To upload computer systems, go to **Computer Systems**, click *push*. A notification will appear to indicate successful push.

Note: push button appears only after you have successfully registered your centre.

								SER	JAMB BON	
\leftrightarrow \rightarrow C (i) localhost:42	00/rapidtest/admin-dashboard/c	omputer-system:	s					Q 🕁	• 1 😔 🗊	1
							Welcome to	o CBT-Lit	e Dashboard 🛛 🖲	Log out
Ø Network Test	Computer System	S								Push
Computer Systems									_	
📽 Test Result	System Details (57) Systems									
🖪 Register Center	System System Serial Name Number	Ip-Address	Operating System	Ram Size	MAC Address	СРИ	Processor ID	Hard Disk	Motherboard ID	System type
	123456-PC To be filled by O.E.M.	172.16.1.10	Microsoft Windows 7 SP1 build 7601	1.6 GiB	00-E0-6F-29- DC-92	AMD E-240 APU with Radeon(tm) HD Graphics	078BFBFF00500F20	7.4 GiB	To be filled by O.E.M.	Regular
	123456-PC To be filled by O.E.M.	172.16.1.7	Microsoft Windows 7 SP1 build 7601	1.6 GiB	00-E0-6F-29- CD-50	AMD E-240 APU with Radeon(tm) HD Graphics	078BFBFF00500F20	7.4 GiB	To be filled by O.E.M.	Regular
	123456-PC To be filled by O.E.M.	172.16.1.3	Microsoft Windows 7 SP1 build 7601	1.6 GiB	00-E0-6F-29- C3-4F	AMD E-240 APU with Radeon(tm) HD Graphics	078BFBFF00500F20	7.4 GiB	To be filled by O.E.M.	Regular
	123456-PC To be filled by O.E.M.	172.16.1.8	Microsoft Windows 7 SP1 build 7601	1.6 GiB	00-E0-6F-29- C2-ED	AMD E-240 APU with Radeon(tm) HD Graphics	078BFBFF00500F20	7.4 GiB	To be filled by O.E.M.	Regular
	123456-PC To be filled by O.E.M.	172.16.1.2	Microsoft Windows 7 SP1 build 7601	1.6 GiB	00-E0-6F-29- C3-5B	AMD E-240 APU with Radeon(tm) HD Graphics	078BFBFF00500F20	7.4 GiB	To be filled by O.E.M.	Regular
	123456-PC To be filled by O.E.M.	172.16.1.5	Microsoft Windows 7 SP1 build 7601	1.6 GiB	00-E0-6F-29- C3-C8	AMD E-240 APU with Radeon(tm) HD Graphics	078BFBFF00500F20	7.4 GiB	To be filled by O.E.M.	Regular
	123456-PC To be filled by O.E.M.	172.16.1.6	Microsoft Windows 7 SP1 build 7601	1.6 GiB	00-E0-6F-29- C3-A6	AMD E-240 APU with Radeon(tm) HD Graphics	078BFBFF00500F20	7.4 GiB	To be filled by O.E.M.	Regular
	123456-PC To be filled by O.E.M.	172.16.1.9	Microsoft Windows 7 SP1 build 7601	1.6 GiB	00-E0-6F-29- C4-97	AMD E-240 APU with Radeon(tm) HD Graphics	078BFBFF00500F20	7.4 GiB	To be filled by O.E.M.	Regular
	123456-PC To be filled by	172.16.0.222	Microsoft Windows 7 SP1	1.6 GiB	00-E0-6F-29-	AMD E-240 APU with Radeon(tm)	078BFBFF00500F20	7.4 GiB	To be filled by	Backup

12. To upload network test results, go to **Test Result**. A list of tests carried out will appear as shown below.

\leftrightarrow \rightarrow C (i) localhost:420	0/rapidtest/admin-dashboard/test-results		९ 🛧 윏 😔 🛈 者 🔯 🗄
		Welcome to	CBT-Lite Dashboard 🕒 Log out
Ø Network Test	Test Results		
🖵 Computer Systems			
ත්දී Test Result	Test Details		
関 Register Center	Test ID	Date Time	More
	c53020c5-c01f-4029-b16d-435e468e36b3	2017-12-14 15:57	View
	f47f6c59-6f8b-4986-9556-c4b58eda4334	2017-12 - 14 17 : 07	View
			*

 View the test result you want to upload, then click *push*. A notification will appear to indicate successful push.

Note: push button appears only after you have successfully registered your centre.

										AMA TOLATION P	GRITT
\leftrightarrow \rightarrow C 🛈 localhost:420	00/rapidtest/adn	nin-dashboard/tes	t-more/c530	20c5-c01f-4029-b16d-43	5e468e3	6b3			Q	☆ 🚺 😔	0 / 0
								Welcom	ie to CBT	-Lite Dashboard	🕒 Log out
Network Test	Test Res	sults									Push
🖵 Computer Systems	Back / Deta	ils									
o: Test Result											
📕 Register Center	Test Details	(8) Systems									
	System Name	System Serial Number	Ip-Address	Operating System	Ram Size	MAC Address	СРИ	Processor ID	Hard Disk	Motherboard ID	Response Time(sec)
	123456- PC	To be filled by O.E.M.	172.16.1.9	Microsoft Windows 7 SP1 build 7601	1.6 GiB	00-E0-6F-29- C4-97	AMD E-240 APU with Radeon(tm) HD Graphics	078BFBFF00500F20	7.4 GiB	To be filled by O.E.M.	0.30
	123456- PC	To be filled by O.E.M.	172.16.1.2	Microsoft Windows 7 SP1 build 7601	1.6 GiB	00-E0-6F-29- C3-5B	AMD E-240 APU with Radeon(tm) HD Graphics	078BFBFF00500F20	7.4 GiB	To be filled by O.E.M.	0.24
	123456- PC	To be filled by O.E.M.	172.16.1.7	Microsoft Windows 7 SP1 build 7601	1.6 GiB	00-E0-6F-29- CD-50	AMD E-240 APU with Radeon(tm) HD Graphics	078BFBFF00500F20	7.4 GiB	To be filled by O.E.M.	0.16
	123456- PC	To be filled by O.E.M.	172.16.1.6	Microsoft Windows 7 SP1 build 7601	1.6 GiB	00-E0-6F-29- C3-A6	AMD E-240 APU with Radeon(tm) HD Graphics	078BFBFF00500F20	7.4 GiB	To be filled by O.E.M.	0.25
	123456- PC	To be filled by O.E.M.	172.16.1.5	Microsoft Windows 7 SP1 build 7601	1.6 GiB	00-E0-6F-29- C3-C8	AMD E-240 APU with Radeon(tm) HD Graphics	078BFBFF00500F20	7.4 GiB	To be filled by O.E.M.	0.14
	123456- PC	To be filled by O.E.M.	172.16.1.8	Microsoft Windows 7 SP1 build 7601	1.6 GiB	00-E0-6F-29- C2-ED	AMD E-240 APU with Radeon(tm) HD Graphics	078BFBFF00500F20	7.4 GiB	To be filled by O.E.M.	0.22
	123456- PC	To be filled by O.E.M.	172.16.1.10	Microsoft Windows 7 SP1 build 7601	1.6 GiB	00-E0-6F-29- DC-92	AMD E-240 APU with Radeon(tm) HD Graphics	078BFBFF00500F20	7.4 GiB	To be filled by O.E.M.	0.27
	123456- PC	To be filled by O.E.M.	172.16.1.3	Microsoft Windows 7 SP1 build 7601	1.6 GiB	00-E0-6F-29- C3-4F	AMD E-240 APU with Radeon(tm) HD Graphics	078BFBFF00500F20	7.4 GiB	To be filled by O.E.M.	0.18

14. Once done with the network test, logout, close the running application in command prompt by pressing Ctrl C, then type exit. Press enter to successfully close the window.

NOTE: Alternatively, you can double click on the network test app to launch it and proceed with step 4. However, it is strongly advised to use the command prompt method.

Server (candidate app installation)

- 1. To start exam, repeat step 1-3 of network test. However, the command line should execute the candidate app (*rapidtestlite-candidate-o.o.1-SNAPSHOT.jar*).
- 2. Or double click on the *rapidtestlite-candidate-0.0.1-SNAPSHOT.jar file*. Note: the command prompt method is advised.

CUSTOM BROWSER (exam mode)

1. Launch (double click) the custom browser on the candidate systems. Enter the IP address of the server in the custom browser as seen below and click on exam.

SELECT BROWSER MODE NETWORK TEST 192.168.8.102 EXAM Server Ip Address Register Backup	JAMB BORNES
SELECT BROWSER MODE NETWORK TEST 192.168.8.102 EXAM Server Ip Address Register Backup	×
SELECT BROWSER MODE NETWORK TEST 192.168.8.102 EXAM Server lp Address Register Backup	
192.168.8.102 EXAM Server Ip Address Register Backup	
192.168.8.102 EXAM Server lp Address Register Backup	
Server Ip Address Register Backup	

2. Enter 1234 as registration number then click **candidate login** button.





Answer All Question. Isonation Isonation	Answer Al Questors. Substration Substratin Substration	Candidate Detail(s)	Exam Instructions	Keyboard Usage
3278900K • • • • • • • • • • • • • • • • • • •	3278000K • • • • • • • • • • • • • • • • • • •	Amaka Idris Ayomide	Answer All Questions.	A Select Option A B Select Option B
 P OR -Nove Up -Nove Up -Nove Down -Submit/End Exam 	 P OR -Nove Up -Nove Down -Submit/End Exam 	32748920FK Exam Duration: 50 mins Mathematics		C Select Option C D Select Option D N 0R Next / Forward
 Wore Down Submit/End Sum 	 We ben Submitted Sam 			P OR OR Previous / Back Move Up
				• Move Down • S -Submit/End Exam



4. Attempt the questions. When done, click **end exam** button.

Mathematics	O Time Left 49:50		End Exam
Mathematics Question 1			Candidate Details
If <i>M</i> represents the media (6, 5) (5, 8) (5, 7) (5, 7) (5, 5)	an and <i>D</i> the mode of the measurements 5, 9, 3, 6, 7, 5, 8 then (<i>M, D</i>) is		ATAMAKA IDRIS AYOMIDE 32748920FK Seat No: 203
≮ BACK	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 20 31 22 33 24 35 36 37 38 39 40	NEXT >	

5. Click back to go back to candidate login page. To exit the app, press Ctrl + Alt + J.

		Back
	Amaka Idris Ayomide 32748920FK Seat No: 203 You're done with your exam, kindly leave the hall quietly.	



6. Once done with the exam, repeat same process used for network test to exit the command prompt on the server.



Overview

Minimum requirements for candidate system are:

- 1. Windows 7 Operating system or Linux.
- 2. 2 gb RAM.
- 3. Oracle Java jre-8u 151

Installation Procedures

Custom Browser (v 0.2 - beta) Installation

- 1. Install Oracle Java jre-8u 151 on all the candidate systems.
- 2. Extract the downloaded zip file from the JAMB website using any suitable application (e.g. winzip, 7-zip, Winrar etc).
- 3. Copy the custom browser folder on the hard drive of the candidate systems.
- 4. Create a shortcut of the custom browser executable file (.exe) and paste on the desktop.
- 5. Double click the custom browser icon on the desktop to launch the browser.
- 6. If a green window with network test and exam button appears, then custom browser has been successfully installed.

Custom Browser (v 0.2 - beta) Network Testing Mode

To carry out network test,

- a. launch custom browser on all the candidate systems,
- b. click on network test.

A new window showing the system details will appear. Beneath the window, you will see *Waiting for server* an indication that the candidate system is ready for network test.

Note: candidate systems to be used as backup mustn't be used for network test.



Custom Browser (v 0.2 - beta) Register Backup

To register a backup system:

- a. launch custom browser on backup systems,
- b. enter the IP address of the server,
- c. click register backup.

Custom Browser (v 0.2 - beta) Exam Mode

To write an examination,

- a. launch custom browser on all the candidate systems,
- b. Type in the IP address of the server, Click *Exam* (only when then server is ready)
- c. The candidate login page should appear.
- d. Enter 1234 as registration number, click candidate login

Server Installations

Two applications are to be installed on the server in every examination centre. These are:

- a. The network test app: this is launched when a network test is to be carried out.
- b. The candidate app: this is launched when a test is to be written on candidate systems.

Both applications can be launched using the conventional method (double click). However, it is highly advised that the app is ran via command prompt. To run the application from command prompt, do the following:

- 1. Install Oracle Java jre-8u 151 on the server.
- 2. Copy the two applications on the hard drive of the server.
- 3. Open command prompt.



- 4. Type in *cd* / (to clear directories), press enter
- 5. Type *cd* (name of the folder the application is located), press enter
- 6. Then type java -jar (name of the application you want to run), press enter

Network Test (Server)

To carry out network test, all candidate systems must be switched on and placed in the network testing mode. Ensure that port 8080 is unused on the server. Afterwards, repeat step 1 to 5 of server installation, then continue with the following steps:

- a. Type *java -jar rapidtest_lite_network-o.o.1-SNAPSHOT*, press enter,
- b. Once its done running, the last line should indicate: *Started RapidtestLiteApplication inseconds(JVM running forsecs)*. This confirms that the application is running.
- c. Once the application is running, open your desktop browser (Chrome or Mozilla),
- d. Type *localhost:8080* in the URL bar of the browser, press enter,
- e. A RapidTestLite Network Test page should appear, click on network test,
- f. To begin network test, click on *start test* button,
- g. Number of iterations begin to appear on candidate systems, an indication that network test is going on.
- h. Once iteration is completed, click *stop test*. A page showing network test result appears.
- i. To upload your results and computer systems, go to **Register Centre**, fill the centre registration form that appears and submit by clicking *add centre*.
- j. To upload computer systems, got to Computer Systems, click push
- k. To upload network test results, go to Test Result,
- l. View the test result you want to upload, then click *push*
- m. To terminate the network test application on the server, click on *logout* from the dashboard,



n. Go to the running command prompt, press *Ctrl* + *C*, type *exit*, then press enter.

Candidate Test (Server)

Launch custom browser on all the candidate systems. Afterwards, repeat step 1 to 5 of server installation, then continue with the following steps:

- a. Type *java -jar rapidtest_lite_candidate-0.0.1-SNAPSHOT*, press enter,
- b. Once it's done running, the last line should indicate: *Started RapidtestLiteCandidateApplication inseconds(JVM running forsecs)*. This confirms that the application is running.
- c. Enter server IP address in the input box of candidate systems and click exam.
- d. To terminate application after candidate examination, go to the running command prompt, press *Ctrl* + *C*, type *exit*, then press enter.

Frequently Asked Questions (FAQ)

a. Where can I find Oracle Java Jre-8u 151?

Visit <u>www.oracle.com</u>.

- b. How to install Oracle Java jre-8u 151 on Windows?
 - i. Double click on the file, follow the instructions till installation is completed
- c. How to install Oracle Java jre-8u 151 on Linux?
 - i. Open terminal (Ctrl + Alt + T) and run the command: *webupd8team/java*
 - ii. Enter your password if prompted, and hit enter
 - iii. Type in: **install oracle-java8-installer**, hit enter
 - iv. Check Java version with: *java -version*



- d. Oracle Java Jre-8u 151 failed to install.
 - i. Free up more space on the hard disk
 - ii. Ensure the installation file isn't corrupted
- e. Custom browser failed to launch or isn't working.
 - i. Ensure your Operating System is windows 7 and above.
 - ii. Install required version of custom browser and launch the browser again.
 - iii. If the required version of java is installed on the system. Check the hard disk space of the system and free some memory if full.
 - iv. If situation persist, restart the system and re-install
- f. How to view the java version currently running on your system (Windows or Linux)?
 - i. Open command prompt or terminal, type *java -version*, then press enter.
- g. What to do when application truncates abruptly while running on the server?
 - i. Restart the server
 - ii. If situation persist, change the server.
- h. Network test started first iteration and stopped.
 - i. The ethernet capacity for the server is very low.
- i. Candidate system can not write exam or a white screen is showing.
 - i. Close the application, launch it again and enter the appropriate server IP address.
 - ii. If IP address is right, ping the server to ensure the system in on same network then make corrections.
- j. I couldn't open the folder I downloaded from the JAMB website.
 - i. Download winzip, 7-zip or winrar to extract the files in the zipped folder.
- k. The files in the downloaded folder is in kb.
 - i. Download the folder again