



Department of ICT, Faculty of Humanities and Social Sciences

Aptitude Test - 2021

1) What is the correct statement about Google?

- A. Google is just a search engine, nothing more.
- B. Gmail is Google's email service.
- C. Google Documents are an alternative to MS Word
- D. Both B and C are correct **X**

2) What is Linux?

- A. A family of Computer Operating System **X**
- B. A photo editing software
- C. A computer hardware device
- D. A type of cyber attack

3) What are "Cracked Software"?

- A. Software which has a lots of bugs
- B. When software is not working, it is cracked
- C. An illegally altered paid software **X**
- D. There is nothing called "Cracked Software"

4) What statement True about Artificial Intelligence(AI) ?

- A. AI refers to Programmed Robots
- B. AI is a simulation of human intelligence **X**
- C. AI refers to human-looking Robots
- D. AI is always dangerous for humans

5) What is NOT an alternative to MS Excel?

- A. Google Slides X
- B. Google Spreadsheets
- C. OpenOffice Calc
- D. LibreOffice Calc

6) “Kaspersky” is a famous

- A. Virus Guard X
- B. Word processing software
- C. Graphics editor software
- D. Music Player

7) What is Google Drive or Onedrive?

- A. Parts of Google search engine
- B. Used to store files on Cloud X
- C. Special Maps created for Vehicle Drivers
- D. Parts of Google Maps

8) What is MacOS?

- A. An Operating system Developed by Apple, for Computers and Laptops. X
- B. An Operating system Developed by Apple, for Mobile Phone
- C. An Operating system Developed by Apple, for Android Mobile Phones
- D. An Open Source Operating system Developed by Apple, suitable for any device.

9) What is the use of Windows Defender (Microsoft Defender)?

- A. It is used to Browse internet
- B. It is used to update Windows OS
- C. It is used to format computers
- D. It is used as an Antivirus software X

10) In our regular life, Video Conferencing is NOT used in,

- A. Online Education
- B. Online Meetings
- C. Online Banking X
- D. Working on a company From Home (WFH)

11) Saman is an Undergraduate of USJ. He is doing a part time job in a studio (Studio A), which pays him Rs.500.00 for one hour. Saman usually works 15 hours a week. Saman got another offer from a different studio (Studio B), which would pay him Rs. 32000/Month. Help Saman to choose the best offer

- A. Saman should keep working in Studio A
- B. Saman should take new offer from Studio B X
- C. Both Studios pay same amount
- D. Data is not enough to compare

12) It is estimated that a single software developer would take 25 days to develop a website. Project manager needs the project to be completed in 10 days. What is the minimum number of programmers required for completing the task in 10 days?

- A. 2 Programmers
- B. 3 Programmers X
- C. 4 Programmers
- D. Information is not enough to do the calculation

13) Jagath's Laptop is infected with a Virus. He had not installed any antivirus software at the time. Advise him how to recover his laptop.

- A. Jagath needs to fully format the computer.
- B. Jagath should install an Anti Virus software immediately and try to remove the virus. X
- C. Jagath should not bring his laptop to the repair center.
- D. Virus may not harm Jagath's laptop. So he do not need to do anything

14) Gayan had set a repeating alarm on his mobile phone which repeats after 15 minutes. Nimal has a repeating alarm on his mobile phone which repeats after 12 minutes. Both alarms rang together at 12 PM. When will both alarms rang together again?

- A. 2.00 PM
- B. 1.00 PM X
- C. 12.48 PM
- D. Next Day 12 PM

15) Saman's mechanical wrist watch started malfunctioning at 12AM. Saman found that the watch is running at half of regular speed. Therefore it will show time as 12.30AM when actual time is 1.00 AM. When will saman's watch show the correct time again?

- A. 12.00 PM
- B. 6.00 PM
- C. 3.45 PM
- D. Next day 12 AM X

16) A digital device can be considered as a Computer, if it can do following operations,

- Input Data
- Process Data
- Output Data / Information
- Store Data / Information

What cannot be considered as a computer,

- A. Android Smartphone
- B. Smart TV
- C. Ultra HD Workstation Monitor X
- D. Desktop PC

17) Consider following currency rates,

1 US Dollar = 190 Sri Lanka Rupees

1 Sri Lanka Rupee = 6 Korean Won

5700 Korean Won Equal to?

- A. 5 USD X
- B. 6 USD
- C. 14 USD
- D. 950 USD

18) Amali's birthday is Tuesday, 1988 January 5. Her best friend Nimali's birthday is 1988 March 22. Nimali's birthday is on,

- A. Monday
- B. Friday
- C. Tuesday X
- D. Saturday

19) Saman forgets the last two digits of his Girlfriends phone number. But he remembers that the sum of the last two digits of the phone number is equal to 6. Now he is going to make random calls by shuffling the last two digits to find out the correct number. About how many maximum calls saman should take, to find out the correct phone number?

- A. Less than 10 X
- B. 10 to 20
- C. 99
- D. 9

20) Gayan was working with a MS Word document in his Computer. His computer was suddenly powered off due to system error. What statement is False ?

- A. Gayan can find his MS Word document in Computer RAM, after powering on **X**
- B. Gayan's MS Word document or Last updates on the document may not be recoverable if he had not saved it previously.
- C. MS Word document may be automatically saved in hard disk.
- D. Keeping a backup of each important document is very important.

21) Gayan needs to send a secret message to Nimal. His secret message is "meet me today".
Gayan took a paper and wrote

13, 5, 5, 20, 0, 13, 5, 0, 20, 15, 4, 1, 25

Few Minutes after sending the message he received the following reply from Nimal.

9, 0, 23, 9, 12, 12

What is the meaning of the reply Gayan received,

- A. I will **X**
- B. I can
- C. No way
- D. I'm coming

22) Sugath has a 16GB USB 3.0 Pendrive. He has 100 same sized files In his laptop. Each file has 256MB of size. If,

1GB = 1024MB

How many files that Sugath can copy into his Pendrive?

- A. 100
- B. 99
- C. 64 X
- D. 56

23) Consider Following number pattern,

12 25 51 ?

13 26 39 52

What is the missing number?

- A. 103
- B. 204
- C. 90 X
- D. 88

24) Consider Following letters pattern,

ao_a_o_aoo_a

What are the missing letters?

- A. a, o, a, o X
- B. a, a, a, o
- C. a, o, a, a
- D. a, o, o, o

25) Gayan bought a new mobile phone. He wants to find out the average battery drain of his new mobile phone. Following data describes the time taken for 50% battery drain.

1st day - 10 Hours

2nd day - 11 Hours, 10 Minutes

3rd day - 10 Hours

4th day - 9 Hours

What would be the closest average time it may take for 100% battery drain?

- A. 1205 Minutes X
- B. 2000 Minutes
- C. 604 Minutes
- D. 1054 Minutes

26) Nimal travels from USJ to his home which is located at Polonnaruwa, by his car. Assume that he always keeps his speed at 40Kmh. After completing half of the distance in two and half hours, he got to know that he had forgotten his mobile phone at the university. Since his mobile is very important for him, he drove back to university, keeping his speed at 60KMh, took his mobile phone and came home, keeping his speed at 60KMh speed. What is the total time taken for the journey.

- A. 5 Hours
- B. 6.30 Hours
- C. 7.30 Hours X
- D. 6.45 Hours

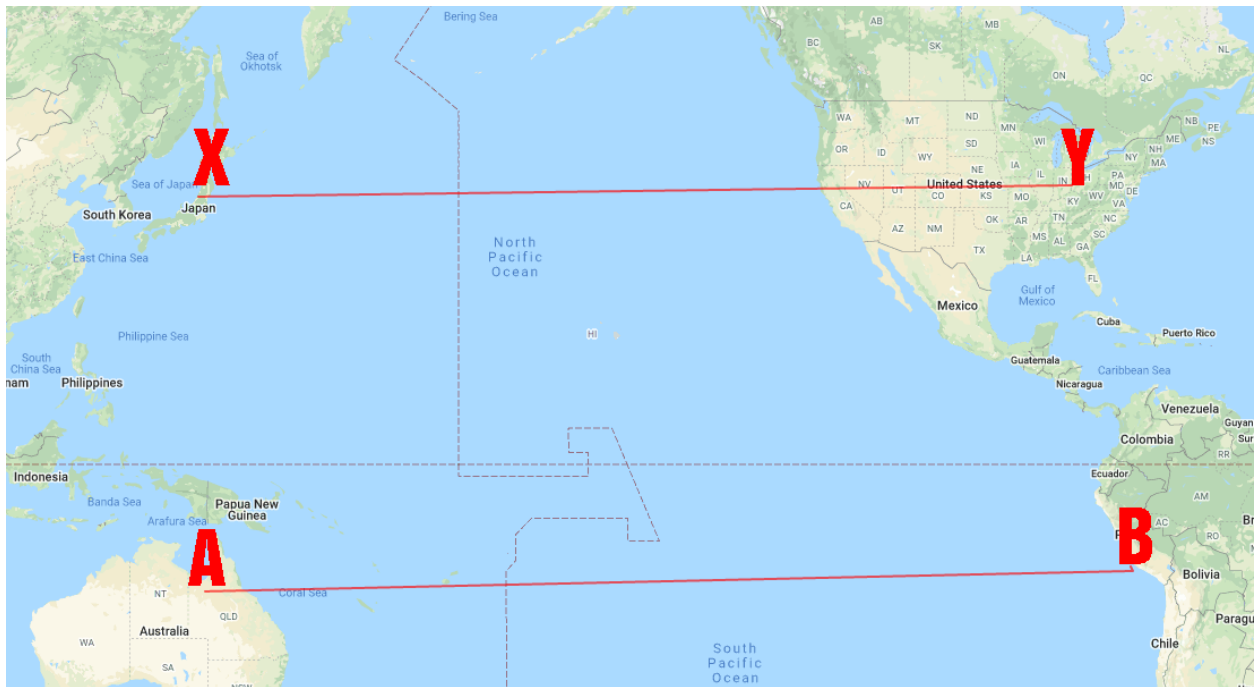
27) Assume that you have found a computer virus in one computer of the University Computer lab. What would you do?

- A. Download a virus guard and remove virus without taking any help
- B. Turn off the computer and leave the computer lab without informing about the virus
- C. It's not your responsibility, just keeps the computer as is
- D. Inform Lecturer or Technical staff immediately X

28) Assume that you need to buy a laptop for your future studies, as an IT student how would you decide what laptop to buy?

- A. Your friend has a laptop bought 2 years later. It looks to be working very well. Select the same model laptop for buying
- B. Search on the internet for the latest laptops which matches your budget and requirements. Select one from them. **X**
- C. Go to the nearest computer shop and ask them to suggest a laptop for you
- D. Go to the nearest computer shop and Select the cheapest laptop available

Consider following image of part of the flat world map, and answer Question 29 and 30



29) Assume that the length of the red line drawn between X and Y is approximately equal to the length of the red line drawn between A and B. What is the most suitable statement about the sky distance in the real world?

- A. Sky Distance between X and Y should be exactly equal to Sky Distance between A and B
- B. Sky Distance between X and Y should be approximately equal to Sky Distance between A and B

- C. Sky Distance between X and Y is different from Sky Distance between A and B X
- D. Difference of Sky Distance between X and Y and Sky Distance between A and B should be less than 100KM

30) What is the most suitable statement about the time difference of X and A?

- A. Time difference between point X and point A could be zero X
- B. Time difference between point X and point A can't be zero
- C. There should be 24 hours time difference between point X and point A
- D. There should be 12 hours time difference between point X and point A