

Report on Ability Test – Electronics Devices

I BSc Computer Science 2022 Admission



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Date of event: 20/09/2022

Faculty In-charge: Mr. Livin P Wilson



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Report on Ability Test – Electronics Devices

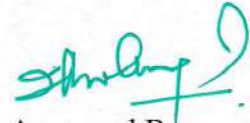
The Computer Science department is conducting an ability test for first BSc CS students to test and know their knowledge and understanding about the basics of Electronics. It is an online written examination was conducted for 30 Minutes, total 15 questions with a score of 2 each was given to students. Out of 47 students attempted for exam 76% of results has been achieved. The test was conducted on 20/09/2022 from 9:30 AM – 10:00 AM.



Prepared by,
Mr. Livin P Wilson
Faculty-in-charge



Verified by,
Mr. Jayakrishnan S
HOD



Approved By,
Rev. Fr. Dr. Paulachan K J
Principal



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Question Paper

Electronics Ability Test

 livin@naipunnya.ac.in (not shared) [Switch account](#) 

* Required

Name of the student *

Your answer

The negative and positive charge symbols are assigned (in that order) to the: * 2 points

- proton and electron
- electron and proton
- atom and nucleus
- electron and element

An atom's atomic number is determined by the number of: * 2 points

- neutrons minus protons
- protons
- electrons

A voltmeter is used: *

2 points

- to measure current
- to measure coulombs
- to measure voltage
- to measure power

If the current in a circuit equals 0 A, it is likely that the *

2 points

- voltage is too high
- resistance is too low
- circuit has a short
- circuit is open

Which part of an atom has no electrical charge? *

2 points

- Electron
- Neutron
- Proton
- All of the above



Attendance and Mark sheet

Electronics Ability Test (Responses) - Excel

| Timestamp | Score | Name of the student | An atom's atomic num | The negative and posit | A voltmeter is used | If the current in a circu | Which part of an atom | Which voltage source | Which electronics mat |
|-------------------|-------|-----------------------------|-----------------------|------------------------|---------------------|---------------------------|-----------------------|-----------------------|-----------------------|
| 9/20/2022 9:35:41 | | 16 / 30 Abhinav T P | electrons | electron and element | to measure voltage | circuit is open | Neutron | Electronic power supp | Semiconductor |
| 9/20/2022 9:39:47 | | 24 / 30 Adithian N S | electrons | electron and proton | to measure voltage | circuit is open | Neutron | battery | Insulator |
| 9/20/2022 9:39:49 | | 24 / 30 Adithya Jayaraj | protons | electron and proton | to measure voltage | circuit is open | Neutron | Electronic power supp | Semiconductor |
| 9/20/2022 9:40:45 | | 26 / 30 Abel Joshy | protons | electron and proton | to measure voltage | circuit is open | Neutron | battery | Insulator |
| 9/20/2022 9:42:09 | | 22 / 30 Akash Santhosh | protons | proton and electron | to measure voltage | circuit is open | Neutron | battery | Conductor |
| 9/20/2022 9:42:24 | | 22 / 30 Alan Devassy | protons | proton and electron | to measure current | resistance is too low | Neutron | battery | Insulator |
| 9/20/2022 9:42:36 | | 18 / 30 Aleena Joy | neutrons minus proton | electron and proton | to measure current | circuit has a short | Neutron | battery | Insulator |
| 9/20/2022 9:44:09 | | 26 / 30 Aleena Joy | protons | electron and proton | to measure voltage | circuit is open | Neutron | battery | Insulator |
| 9/20/2022 9:44:13 | | 18 / 30 Alen Cherian | protons | proton and electron | to measure voltage | resistance is too low | Neutron | battery | Semiconductor |
| 9/20/2022 9:44:41 | | 20 / 30 Alen Sebastine | protons | electron and proton | to measure voltage | resistance is too low | Neutron | battery | Conductor |
| 9/20/2022 9:45:15 | | 26 / 30 Ann Mariya Shiju | protons | electron and proton | to measure voltage | circuit is open | Neutron | battery | Insulator |
| 9/20/2022 9:46:09 | | 22 / 30 Anson Jaison | protons | proton and electron | to measure voltage | circuit is open | Neutron | battery | Insulator |
| 9/20/2022 9:46:14 | | 22 / 30 Aswin V S | protons | electron and proton | to measure voltage | circuit is open | Proton | battery | Insulator |
| 9/20/2022 9:46:30 | | 24 / 30 Deva O S | protons | electron and proton | to measure voltage | circuit is open | Neutron | battery | Semiconductor |
| 9/20/2022 9:46:55 | | 24 / 30 Dheeraj S | protons | proton and electron | to measure voltage | circuit is open | Neutron | battery | Semiconductor |
| 9/20/2022 9:46:58 | | 24 / 30 Diya Davis | protons | electron and proton | to measure voltage | circuit is open | Neutron | battery | Element |
| 9/20/2022 9:47:23 | | 18 / 30 Gayathry Devi P S | protons | proton and electron | to measure voltage | circuit is open | Neutron | battery | Insulator |
| 9/20/2022 9:47:54 | | 8 / 30 Geethika R. Krishnan | neutrons minus proton | proton and electron | to measure current | circuit has a short | Proton | battery | Semiconductor |
| 9/20/2022 9:48:03 | | 26 / 30 Hafeez Rahman S H | protons | electron and proton | to measure voltage | resistance is too low | Neutron | battery | Insulator |
| 9/20/2022 9:48:34 | | 24 / 30 Ihan Reji | protons | electron and proton | to measure voltage | resistance is too low | Neutron | battery | Insulator |
| 9/20/2022 9:48:42 | | 22 / 30 Jeemol K s | electrons | proton and electron | to measure voltage | circuit is open | Neutron | battery | Insulator |



Electronics Ability Test (Responses) - Excel

FILE HOME INSERT PAGE LAYOUT FORMULAS DATA REVIEW VIEW

Clipboard Font Alignment Number Styles Cells Editing

9/20/2022 9:35:41 AM

| 1 | Timestamp | Score | Name of the student | An atom's atomic number | The negative and positive | A voltmeter is used to | if the current in a circuit | Which part of an atom | Which voltage source | Which electronics material | Current is considered | An atom's atomic number |
|----|--------------------|---------|----------------------|-------------------------|---------------------------|------------------------|-----------------------------|-----------------------|----------------------|----------------------------|-----------------------|-------------------------|
| 22 | 9/20/2022 9:48:42 | 22 / 30 | Jeemol K S | electrons | proton and electron | to measure voltage | circuit is open | Neutron | battery | insulator | electrons | resistor |
| 23 | 9/20/2022 9:49:39 | 20 / 30 | Jishnu D M | electrons | electron and proton | to measure voltage | voltage is too high | Neutron | Electrical generator | Conductor | electrons | electr |
| 24 | 9/20/2022 9:50:20 | 18 / 30 | John Paul K Davis | protons | proton and electron | to measure voltage | circuit has a short | Neutron | battery | Conductor | charge | electr |
| 25 | 9/20/2022 9:50:43 | 22 / 30 | Jose Ephraim | protons | proton and electron | to measure voltage | circuit has a short | Neutron | battery | Semiconductor | electrons | electr |
| 26 | 9/20/2022 9:51:00 | 26 / 30 | Joyal K shajan | protons | electron and proton | to measure voltage | circuit is open | Neutron | battery | Semiconductor | electrons | electr |
| 27 | 9/20/2022 9:51:26 | 20 / 30 | Kiran Sebastian | protons | proton and electron | to measure current | circuit has a short | Proton | battery | insulator | electrons | electr |
| 28 | 9/20/2022 9:51:36 | 22 / 30 | Libiya Sebu | protons | proton and electron | to measure current | circuit is open | Neutron | battery | insulator | electrons | electr |
| 29 | 9/20/2022 9:51:49 | 26 / 30 | Maneshwar Ranjith | protons | proton and electron | to measure voltage | circuit is open | Neutron | battery | insulator | electrons | electr |
| 30 | 9/20/2022 9:52:09 | 26 / 30 | Maria Joy | protons | proton and electron | to measure voltage | circuit is open | Neutron | battery | insulator | electrons | electr |
| 31 | 9/20/2022 9:52:56 | 14 / 30 | Megha Baby | electrons | electron and proton | to measure voltage | resistance is too low | Neutron | battery | insulator | protons | resis |
| 32 | 9/20/2022 9:53:26 | 24 / 30 | Naaveen Vinayan | protons | electron and proton | to measure voltage | resistance is too low | Neutron | Electronic power sup | Conductor | electrons | electr |
| 33 | 9/20/2022 9:54:09 | 20 / 30 | Neeraja Suthere | protons | proton and electron | to measure current | circuit is open | Neutron | battery | Semiconductor | electrons | electr |
| 34 | 9/20/2022 9:54:23 | 28 / 30 | Nichol Airookaran | protons | electron and proton | to measure voltage | resistance is too low | Neutron | battery | insulator | electrons | electr |
| 35 | 9/20/2022 9:54:46 | 28 / 30 | Niveditha K M | protons | proton and electron | to measure voltage | circuit is open | Neutron | battery | insulator | electrons | electr |
| 36 | 9/20/2022 9:56:13 | 28 / 30 | Pranav A P | protons | electron and proton | to measure voltage | resistance is too low | Neutron | battery | insulator | electrons | electr |
| 37 | 9/20/2022 9:56:41 | 22 / 30 | Pranav Shiju | electrons | proton and electron | to measure voltage | circuit is open | Electron | battery | insulator | electrons | electr |
| 38 | 9/20/2022 9:57:34 | 22 / 30 | Rony K Sunny | protons | electron and proton | to measure voltage | circuit is open | Electron | battery | insulator | charge | electr |
| 39 | 9/20/2022 9:58:16 | 24 / 30 | Sandra John | protons | proton and electron | to measure voltage | resistance is too low | Neutron | battery | insulator | electrons | electr |
| 40 | 9/20/2022 9:58:42 | 22 / 30 | Sanraj k s | protons | proton and electron | to measure voltage | resistance is too low | Neutron | battery | insulator | electrons | All of |
| 41 | 9/20/2022 9:02:49 | 22 / 30 | Saurav Kannan Pv | protons | proton and electron | to measure voltage | resistance is too low | Neutron | battery | insulator | electrons | electr |
| 42 | 9/20/2022 9:20:20 | 22 / 30 | Sheba Varghese | electrons | proton and electron | to measure voltage | circuit is open | Neutron | battery | insulator | electrons | electr |
| 43 | 9/20/2022 11:37:46 | 20 / 30 | Sherin Babu Shreerag | protons | electron and proton | to measure current | resistance is too low | Neutron | Electrical generator | insulator | charge | electr |
| 44 | 9/20/2022 9:54:46 | 28 / 30 | Namboothiri K H | protons | proton and electron | to measure voltage | circuit is open | Neutron | battery | insulator | electrons | electr |

Form Responses 1

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