

Report on Ability Test – Electronics Devices

I BSc Computer Science 2023 Admission

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Date of event: 13/09/2023


Faculty In-charge: Mr. Livin P Wilson




Report on Ability Test – Electronic Devices

The Computer Science department conducted an ability test for first BSc CS students to test and know their knowledge and understanding about the basics of Electronics. It is a written examination, with a duration of 30 Minutes, 15 questions, with a score of 2 for each student. Out of 49 students, 43 students attended the examination and 87% of results have been announced. The test was conducted on 13/09/2023 from 9:15 a.m. to 09:45 p.m.

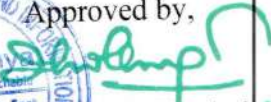
Prepared by,


Mr. Livin P Wilson
Faculty-in-charge

Verified by,


Mr. Jayakrishnan S
HOD, PG Dept of CS

Approved by,


Rev. Fr. Dr. Paulachan K. J
Principal



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Question Paper with Answer Sheet

Ability Test – Electronics Devices

Each question carries 2 marks

1. The negative and positive charge symbols are assigned (in that order) to the: *electron and Proton* ✓ 2
2. An atom's atomic number is determined by the number of: *Proton* ✓ 2
3. A voltmeter is used: *to measure Voltage* ✓ 2
4. If the current in a circuit equals 0 A, it is likely that the *circuit is open* ✓ 2
5. Which part of an atom has no electrical charge? *Neutron* ✓ 2
6. Which voltage source converts chemical energy to electrical energy? *Battery* ✓ 2
7. Which electronics material opposes the movement of free electrons? *Conductors* X
8. Current is considered as the movement of: *electrons* ✓ 2
9. An ammeter is used to measure *electric current* ✓ 2
10. A short circuit will have: *a large current flow* ✓ 2
11. The shell that is closest to the nucleus of an atom can contain a maximum of two electrons. *True* ✓ 2
12. An electron is the smallest subatomic particle of negative charge that orbits the nucleus of the atom. *False* ✓ 2
13. A multimeter measures only voltage. *False* ✓ 2
14. A conductor will not carry current. *False* ✓ 2
15. Charges of the same polarity tend to attract one another. *False* ✓ 2

Name: *Sayanth Sajeevan (I Bacc)*

Mark: *28/30* ★ ★

Pongam, Koratty East, Thrissur District, Kerala State, India. Pin-680308.
Phone +91 9605001987, 04802730340, 2730341, 2733573
www.naipunnya.ac.in, mail@naipunnya.ac.in



Ability Test – Electronics Devices

Each question carries 2 marks

1. The negative and positive charge symbols are assigned (in that order) to the: Electron and Proton (2) ✓
2. An atom's atomic number is determined by the number of: Electrons (2) ✓
3. A voltmeter is used: to measure voltage (2) ✓
4. If the current in a circuit equals 0 A, it is likely that the circuit is open (2) ✓
5. Which part of an atom has no electrical charge? Neutron (2) ✓
6. Which voltage source converts chemical energy to electrical energy? Battery (2) ✓
7. Which electronics material opposes the movement of free electrons? Insulators (2) ✓
8. Current is considered as the movement of: Electrons (2) ✓
9. An ammeter is used to measure electric current (2) ✓
10. A short circuit will have: a large current flow (2) ✓
11. The shell that is closest to the nucleus of an atom can contain a maximum of two electrons. True (2) ✓
12. An electron is the smallest subatomic particle of negative charge that orbits the nucleus of the atom. True (2) ✓
13. A multimeter measures only voltage. False (2) ✓
14. A conductor will not carry current. False (2) ✓
15. Charges of the same polarity tend to attract one another. False (2) ✓

Name: Gracashma Hari. Bsc CS

Mark: 28
30

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PHOTOGRAPHS /SCREENSHOTS



Attendance and Mark sheet

Name of Event: Ability Test – Electronic Devices

Date: 13/09/2023

Class: I Year BSc CS 2023 Admission

Sl. No.	Name & Admission Number	Marks	Signature
1.	ADITHYAN T B (4419)	80	Adithy
2.	ADITYA PRASANTH (4164)	87	Adithy
3.	AKASH K B (4459)	73	Akash
4.	AKSA BIJU (4792)	60	Aksh
5.	ALAN SHAJAN (4529)	80	Alan
6.	ALAN SHAJU (4659)	Absent	
7.	ALEENA JILVI (4362)	73	Aleena
8.	ALLAN V L (4120)	73	Allan
9.	ANEESH JOSHY (4493)	93	Anesh
10.	ANNA SHAJU (4485)	73	Anna
11.	ANNAROSE (4857)	80	Annarose
12.	ANNLINA MIBIN (4221)	93	Annlina
13.	ANUPAMA M M (4346)	73	Anupama
14.	ASWIN BIJU (4391)	60	Aswin
15.	ATHUL K V (4543)	80	Athul
16.	AUSTIN PINESH (4098)	87	Austin
17.	BENEDICT BABU T (4944)	93	Benedict
18.	CHRISTOPHER JOBY (4515)	Absent	
19.	DAMIAN MATHEW (4791)	80	Damian
20.	DELVIN ANTO (4503)	Absent	
21.	DILJITH REJI (4490)	73	Diljith
22.	DOMINIC JEEJO (4696)	73	Dominic
23.	ELDHO SHAJU (4411)	60	Eldho
24.	FEBIN A S (4416)	67	Febin
25.	GAUTHAM KRISHNA R (4356)	80	Gautham
26.	GAUTHAM.C.P (4236)	67	Gautham
27.	GLODIN M Y (4545)	93	Glodin
28.	GODWIN K T (4779)	93	Godwin
29.	GOPIKA K S (4809)	67	Gojika
30.	GREESHMA HARI (4767)	93	Greeshma
31.	JESVIN JOY (4530)	Absent	
32.	JIFIN SHAJI (4855)	93	Jifin
33.	JOEL SUNNY (4504)	73	Joel

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34.	JOYAL JOSHY (4725)	73	Joyal Joshy
35.	JOYEL JEEJO (4933)	93	Jeejo
36.	JUSTINE SHAJU (4859)	60	Justine
37.	KARTHIK P SANKAR (4575)	67	Karthik
38.	MEBIN MARTIN (4267)	87	Mebin Martin
39.	MEENAKSHY T J (4480)	73	Meenakshy
40.	MUHAMMED HAMDAN M A (4840)	67	Hamdan
41.	NIGEL JINSON JOSEPH (4705)	Absent	
42.	NITHIN SHAJU (4561)	80	Nithin
43.	NIVED A (4509)	80	Niveda
44.	RISHIKRISHNA K SHAIJU (4519)	53	Rishikrishna
45.	SARANYA NS (4420)	Absent	
46.	SAYANTH SAJEEVAN (4367)	93	Sayanth
47.	SONAT WILSON (4183)	87	Sonat
48.	THEJUS KRISHNA CHANDRAMOHAN (4151)	87	Thejus
49.	VARUN KRISHNA MENON (4456)	73	Varun

[Signature]

Event Coordinator

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