

Electronics Communications Job Interview Questions And Answers



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Electronics Communications Interview Questions And Answers Guide.

Question - 1:

Hi
can any explain briefly working of bjt, get, mosfet, and difference between p and n mosfet and its advantages,cmos and all the threshold value of it?

Ans:

No Answer is Posted For this Question

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Question - 2:

What is artificial intelligence? isnt it is dangerous?

Ans:

an artificial intelligence ic the branch of science which makes the computers to act as an human beings. yes AI is dangerous because it is leading us down to dystopia. it is exploits natural human zoomorphism.

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Question - 3:

What is operating ratio in railway?

Ans:

Operating Ratio = Total revenue / Total expenses

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Question - 4:

what is ups and inverters. and how to give battery connections for ups?

Ans:

ups is a uninterputed power supply.inverter is invet the load in DC to AC than load taking the AC.it will be convertor is convet AC to DC that time battery is charged.battery connections in series..

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Question - 5:

what effect at thersold value on transmission power is increase or decrease in telecommunication?

Ans:

When Transmission power increase the sensitivity of the antenna increase and so the threshold value decrease.

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Question - 6:

what is ups and inverters?

Ans:

While both provide backup power during mains outage, with the UPS the switch is instantaneous whereas with the Inverter there is a gap of a second or two. This gap is OK for household gadgets such as lights, fans, fridge, etc. but



not OK for computers.

In technical terms:

UPS: The mains power comes to the UPS. The AC is converted to DC and this DC is constantly charging the battery. The output of the battery is fed to the Sine wave inverter and it converts DC to AC and this feeds the equipment. Since power out is always drawn from the battery, there is no time lag when mains switches off; it just stops the battery from being charged and the UPS continues to supply power till the battery runs out.

Inverter: The mains power comes to the Inverter. This is directly sent to the output but the AC is also converted to DC and this DC is constantly charging the battery. A sensor and relay mechanism checks whether the mains is ON or OFF. When the main switches OFF, the relay actuator triggers to switch from mains to inverter. Rest is same like the UPS. Because of this sensor and relay, there is a gap between triggering.

UPS involves more costly circuitry and is therefore more expensive to make and sell.

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Question - 7:

What is NMC?

Ans:

network management center

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Question - 8:

What kind of modulation is used for land phone communication systems?

Ans:

pulse code modulation

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Question - 9:

Find wrong number 76,20,32,84,325,1580?

Ans:

76

bcz except 76 all number is in increasing order....!!!

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Question - 10:

Why I hire you and why i dont hire you?

Ans:

You should hire me because I meet the eligibility criteria asked by you. Even I had the experience in this relevant field. I am a good team player. For the second question at the end of the interview you will be clear enough of my knowledge and my potential. That will help you to decide whether u sud hire me or not.

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Question - 11:

Why always current in some amp and voltage is 230?

Ans:

current is depending upon the load. By Ohm's law, $V = IR$, here load is variable. $V = 230V$ so current is depending upon your load

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Question - 12:

What is difference between voltage and potential?

Ans:

Voltage is referred as Potential difference between two points. potential means its force. I think so. voltage definition is 100% correct.

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Question - 13:



Why 2 rectifier is used in smps?

Ans:

Its not necessary that a power plant uses only two rectifiers, it depends on the load present at the site and the capacity of the rectifier or SMPS. Suppose the load at the site is 120 Amps and the SMPS capacity is 2000W or the current capacity of the recifier is 50 Amps. In that case 3 or more rectifiers is preffered. Rectifiers is used to balance the load in each phase.

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Question - 14:

If a crow sit on on current wire it will not fell current but a man touch it he get shock . why?

Ans:

- 1) there is no grond terminal (-ve terminal to complete path),
- 2) tere is no conductor (conduction medium) In tere leg.

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Question - 15:

What is race aroun condition in flip flop?

Ans:

in a jk flip flop(level triggerd) when $J=1, k=1$ the output Q continuously keep changing between 1 and 0 as long as clock is high.....this is called race around condition.

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Question - 16:

What is the basic difference between latches and flip flops?

Ans:

flip flops have clock signal whiles latches dont need any clock pulse..

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