



ELECTROVERT 2018

The Performers' creed



Name of the Event: **QuizIQ**
Candidate's Code:

Date: **09 Sept 2018**
Time: **30 min**

Instructions

- ❖ There are 25 questions in this paper.
- ❖ Each question will be for 1 mark.
- ❖ Candidate has to make mark on correct answer in question paper itself.
- ❖ Partial Negative Marking(25%) is there. It means that if more than 25% questions out of total attempted questions goes wrong then you will be awarded with negative marks for all wrong answers.
- ❖ Once marked answer will be final. Overwriting will not be considered.

Q1. Which of the following is pressure transducer?

- a) bourdon tube b) IC sensor
c) thermistor d) RTD

Q2. What is the dimension of pressure?

- a) ML-1S-2 b) MLS-2
c) ML-1S2 d) ML-3S-2

Q3. Which acid is present in ant's body?

- a) malonic acid b) citric acid
c) formic acid d) sulphuric acid

Q4. How many 4:1 mux are required to build 16:1 mux using 4:1 mux only?

- a) 7 b) 4
c) 5 d) none of these

Q5. If the resistance of a wire having area 'A', length 'L' and resistivity 'ρ' is $R\Omega$, if the area of the same wire is changed to 'A/2' then what would be its resistance?

- a) $R/2\Omega$ b) $4R\Omega$
c) $2R\Omega$ d) $R\Omega$

Q6. The smallest bone in the human body is present in which body part?

- a) nose b) eye
c) ear d) fingers

Q7. Which is the first element of f-block?

- a) lutetium b) lawrencium
c) lanthanum d) cerium

Q8. The purpose of choke in tube light is ?

- A. To decrease the current
B. To increase the current
C. To decrease the voltage momentarily
D. To increase the voltage momentarily

Q9. Life span of butterfly is ____

- a) 1-1 and ½ months b) 3 months
c) 10 days d) 48 hrs

Q10. _____ bridge is used to measure unknown frequency?

- a) Hay bridge b) kelvin bridge
c) wein bridge d) schering bridge

Q11. Who is known as the father of electricity?

- a) Graham Bell b) Benjamin Franklin
c) Michael faraday d) Einstein

Q12. Who had developed the polio vaccines?

- a) Jonas salk b) Edward Jenner
c) Howard poli d) Alexander fleming

Q13. The hardest substance available in the world is

- a) platinum b) gold
c) diamond d) iron

Q14. Which one is the largest natural moon in our solar system?

- a) callisto b) Europa
c) Ganymede d) Amalthea

Q15.Which one is the closet satellite to the parent planet in our solar system?

- a)hyperion b)phobos
- c)charon d)moon

Q16.Bleaching powder is also chemically known as _____

- a)calcium sulphate
- b)calcium carbonate
- c)calcium hypochlorite
- d)sodium hydroxide

Q17.What is the general pH level at human skin?

- a)3.2 b)3.9
- c)4.7 d)5.5

Q18.Sound can not be reflected by----

- a)air b)water
- c)vaccum d)both b and c

Q19.The outermost layer of sun is called as_____

- a)Photosphere b)chromosphere
- c)Granule d)coroma

Q20.The list of endangered species is released by?

- a)IUCN b)WWW
- c)UN d)BBC

Q21.Which fuel is used in gas welding?

- a)LPG b)Methane
- c)ethylene d)Acetylene

Q22.A ship moves from freshwater to sea water it will

- a)sink completely b)sink a little bit
- c)unaffected d)raise a little high

Q23.polio is caused by infection of which of the following?

- a)Gram +ve bacteria b)fungi
- c)RNA virus d)DNA virus

Q24.The confirmation test for AIDS is

- a)X-ray b)biopsy
- c)western blot d)ELISA

Q25.A sudden fall in barometer reading indicates_____

- a)Rain b)stormy weather
- c)hot wather d)cold weather