

Physics FSC Part 2 Online MCQ's Test

| Sr | Questions | Answers Choice |
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| 1 | A galvanometer is an electrical instrument used to | A. Measure resistance B. Measure voltage C. Detect passage of current D. None of these |
| 2 | A battery is used in | A. ohmmeter B. Ammeter C. Galvanometer D. Voltmeter |
| 3 | Commutator was invented by: | A. William bills B. William Gates C. William tells D. William Sturgeon |
| 4 | Pair production cannot take place in vacuum because : | A. Mass is not conserved B. Momentum is not conserved C. Energy is not conserved D. Charge is not conserved |
| 5 | During electrolysis process, density of CuSO_4 solution | A. Remains constant B. Decreased C. Increased D. None of these |
| 6 | Commutator was invented in | A. 1834 B. 1820 C. 1840 D. 1835 |
| 7 | Photo diode is used for detection of. | A. Heat B. Magnet C. Current D. Light |
| 8 | Radioactivity happens due to the disintegration of | A. Nucleus B. Mass C. Electrons D. Protons |
| 9 | The current through a resistance of 100 Ohm when connecting across a source of 220 V is. | A. 22000 A B. 22 A C. 2.2 A D. 0.45 A |
| 10 | The first spectral lines were discovered in 1885, were | A. Paschen series B. Balmer series C. Pfund series D. Bracket series |
| 11 | Electric potential of earth is taken to be zero because the earth is good: | A. Semiconductor B. Conductor C. Insulator D. Dielectric |
| 12 | The word amorphous means: | A. Regular structured B. Without form or structure C. Frozen structured D. None of above |
| 13 | If the resistance of 500 Ohm has a fourth band of silver colour then its upper maximum resistance will be. | A. 600 Ohm B. 550 Ohm C. 450 Ohm D. 400 Ohm |
| 14 | The existence of positron was discovered in: | A. 1929 B. 1928 C. 1931 D. 1933 |
| 15 | Total flux through a closed surface depends on. | A. Shape of surface B. Medium only C. Charge enclosed only D. Charge and Medium |

16 A step up transformer is used 120 V line to provide 240 V. If primary coil has 100 turns the number of turns is secondary is.
A. 50
B. 100
C. 150
D. 200

17 In a certain circuit, $I_B = 40 \mu A$, $I_C = 20 \text{ mA}$
A. 450 amp
B. 0.45 amp
C. 5 m amp
D. 500 amp

18 Charge on positron is:
A. Negative;
B. Positive
C. Neutral
D. None of these

19 A perfect absorber must also be perfect
A. Cavity
B. Sources of radiation
C. Radiator
D. None of these

20 1 tesla =
A. 1 MAm^{-1}
B. $1 \text{ NA}^{-1} \text{ m}$
C. $1 \text{ NA}^{-1} \text{ m}^2$
D. None of above
