

Physics ICS Part 2 Chapter 12 Online MCQ's Test

| Sr | Questions | Answers Choice |
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| 1 | The process of copying is: | A. Axillugraphy B. Chromatography C. Xerography D. Spectrography |
| 2 | Capacitance of a capacitor does not depend upon. | A. Distance between plates B. Area of plates C. Electric field between plates D. Medium between plates |
| 3 | The electric intensity due to two oppositely charged plates is | D. None of these |
| 4 | Selenium is a | A. Insulator B. Photoconductor C. Conductor D. First insulator then conductor |
| 5 | Charge on electron is | A. 1.6×10^{-19} C B. 1.6×10^{19} C C. 1.6×10^{-17} C D. 1.6×10^{17} C |
| 6 | The fact that electric field exist in space around an electrical charge is | A. Electrical property B. Gravitational property C. Intrinsic property of nature D. Extrinsic property of nature |
| 7 | One of the applications of electrostatic induction is | A. Laser B. Photocopier C. X ray machine D. Wilson cloud chamber |
| 8 | The "toner" of photocopier is given: | A. Positive charge B. Negative charge C. Remains neutral D. All of above |
| 9 | The number of lines per unit area passing perpendicular through an area is called | A. Flux B. Electric intensity C. Both (a) , (b) D. None of these |
| 10 | The photo copying process is called | A. Xerography B. Inkjet Printer C. Both (a) and (b) D. None of these |
| 11 | Metals are good conductors of electricity because they have | A. Large number of bounded electrons B. Small number of electrons C. Large number of free electrons D. Small number of free electrons |
| 12 | Which material should be inserted between the plates of a capacitor in order to increase its capacitance. | A. Copper B. Mica C. Iron D. Tin |
| 13 | The electrons in one coulomb change is equal to. | A. 1.6×10^{-19} B. 2.25×10^{-19} C. 6.25×10^{-18} D. 6.25×10^{-19} |
| 14 | A changing electric flux creates. | A. Electric fields B. Gravitational C. Magnetic field D. Electric charge |
| 15 | Intensity of field inside a hollow charged sphere will be. | A. Negative B. Unaffected C. Zero D. Maximum |
| | | A. One volt |

- 16 The amount of energy equal to 1.6×10^{-18} J is called.
B. One milli volt
C. One electron volt
D. One mega electron volt
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- 17 A one microfarad capacitor of a TV is subjected to 4000 V potential difference. The energy stored in capacitor is:
A. 8 j
B. 16 j
C. 4×10^{-3} j
D. 2×10^{-3} j
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- 18 The electrostatic force between two charges is 42 N, If we place a dielectric of $\epsilon_r=2.1$ between the charges then the force become equal to.
A. 42 N
B. 88.2 N
C. 20 N
D. 2 N
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- 19 The toner of printer is given
A. Positive charge
B. Negative charge
C. Neutral
D. First positive then negative
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- 20 Farad is defined as
A. "Coulomb/Volt
B. Ampere /Volt
C. Coulomb /Joule
D. Volt/Coulomb