

1st Year Fsc Physics Online Test

| Sr | Questions | Answers Choice |
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| 1 | The blue colour of sky is due to | A. diffraction B. Reflection C. Polarization D. Scattering |
| 2 | An oil film on water surface shows colour due to. | A. Diffraction B. Interference C. Polarization D. Dispersion |
| 3 | The fringe spacing increases if we use. | A. Yellow light B. Green light C. Blue light D. Red light |
| 4 | According to Hygen's principle, each point on a wave front acts as a source of. | A. Secondary wavelet B. New wave front C. Sound D. Primary wavelet |
| 5 | Hygen's principle is used for. | A. Explain polarization B. Locate the wave front C. Find the speed of light D. Find the index of refraction |
| 6 | A ray of light shows the direction of propagation of light It is line which is. | A. Normal to the wave front B. Parallax to the wave front C. Opposite to the wave front D. Equal to the wave front |
| 7 | the locus of all pint in the same wave of vibration is called. | A. Wave front B. Diffraction C. Interference D. Polarization |
| 8 | In case of point source the shape of wave front is. | A. Plane B. spherical C. Circular D. Eliptical |
| 9 | Angle between ray of light and wave front is | A. 0° B. 60° C. 90° D. 120° |
| 10 | The light energy travels in space as waves was firstly proposed by | A. Maxwell B. Young C. Einsten D. Hydrogen |
| 11 | Soap film is sunlight appears coloured due to. | A. Dispersion of light B. Diffraction of light C. Scattering of light D. Interference fo light |
| 12 | A bat finding its correct location by sending | A. Matter waves B. Ultrasonic waves C. Infrasonic waves D. electromagnetic waves |
| 13 | The state of human blood flow can be found by using. | A. Newton's formula of speed of sound B. Interference of sound C. Phenomena of beats D. Doppler's effect of sound |
| 14 | The waves used in radar speed trap are | A. Longitudinal B. Sound wave C. Micro waves D. Matter waves |
| 15 | The speed of stars and galaxies can be calculated by | A. Compton effect B. Stefan's law C. Doppler's effect D. " " |

D. Pascal's law

16 Radar system is an application of.

- A. Chemical effect
- B. Electric effect
- C. Magnetic effect
- D. Doppler's effect

17 Star moving towards the earth show

- A. Red shift
- B. Blue shift
- C. Green shift
- D. Yellow shift