

## PPSC Physics Full Book

Sr	Questions	Answers Choice
1	The first artificially produced nuclear transmutation was accomplished by.	A. Curie B. Rutherford C. Becquerel D. Chadwick
2	The nuclear model of the atom was derived partly from experiments involving the scattering of alpha particles performed by.	A. Chadwick B. Rutherford C. Anderson D. Einstein
3	Who discovered neutron in 1932.	A. Chadwick B. Bohr C. Rutherford D. Fermi
4	Who was awarded Nobel Prize for first artificial atomic transmutation.	A. Yukawa B. Rutherford C. Chadwick D. Becquerel
5	Who was awarded Nobel Prize for predicting meson.	A. Yukawa B. Pauli C. Schrodinger D. Fermi
6	Who designed the atomic reactor.	A. Wilson B. Rutherford C. Teller D. Fermi
7	Geiger counter was designed by	A. Wilson B. Geiger and Muller C. Lawrence D. Mosely
8	The cloud chamber was invented by C.T.R. Wilson in	A. 1905 B. 1907 C. 1909 D. 1911
9	Artificial radioactivity was discovered by	A. Rontgen B. Becquerel C. Rutherford D. Marie Curie and Pierre Curie
10	The phenomenon of natural radioactivity was discovered by	A. Lord Rutherford B. James Chadwick C. Herie Becquerel D. Maria curie
11	Natural radioactivity was discovered in.	A. 1978 B. 1896 C. 1904 D. 1906
12	Who introduced the concept that an atom posses quantized energy levels.	A. Raman B. Bohr C. Newton D. Fermi
13	Who was the first to suggest the existence of a positively charged nucleus in an atom.	A. J.J Thomson B. R.A Millikan C. E. Rutherford D. Neil Bohr
14	Neil Bohr made his three postulates in.	A. 1897 B. 1905 C. 1913 D. 1921
15	J.R. Rydberg Obtained a formula to describe the wavelength of the hydrogen atom in	A. 1785 B. 1885 C. 1936 D. 1966

16	Balmer identified the spectral lines in the spectrum of hydrogen in	A. 1785 B. 1885 C. 1936 D. 1966
17	Who identified the first series in the spectrum of hydrogen.	A. Lyman B. Balmer C. Pfund D. Brackett
18	The first successful quantitative theory of atomic structure was formulate by	A. David Bohm B. Louis de Broglie C. Neil Bohr D. J J. Thomson
19	Who pointed out that both wave and particle aspects are required for the complete description of both radiation and matter.	A. Davison and Germer B. J.J.Thomson C. Neil Bohr D. Compton
20	Davision and Germer got Nobel prize for their work on	A. The dual nature of particles B. The wave nature of particles C. The corpuscular nature of particles D. All of the above
21	Prince Louis and vector de Brogtle got Nobel Prize for their work on.	A. The dual nature of particles B. The wave nature of particles C. the corpuscular nature of particles D. All of the above
22	Davison and Germer received the Nobel Prize in	A. 1929 B. 1931 C. 1935 D. 1937
23	Prince Louis and Vector de broglie received the Nobel prize in.	A. 1919 B. 1923 C. 1927 D. 1929
24	The convincing evidence of the wave nature of electrons was provide by.	A. Stefan B. Rayleigh C. Davision and Germer D. Balmer
25	The exitance of antiparticle was discovered by	A. Wilson B. Anderson C. Dirac D. Stefan
26	Positron was discovered by	A. Wilson B. Anderson C. Dirac D. Stefan
27	Arthur Holly Compton was awarded Nobel prize in.	A. 1923 B. 1927 C. 1931 D. 1934
28	Compton's effect was presented in.	A. 1921 B. 1923 C. 1931 D. 1933
29	The relation between work function and maximum energy of photo electrons was discovered by.	A. Stefan B. Marely C. Einstein D. Max. Planck
30	Max. Planck was awarded Nobel prize in.	A. 1916 B. 1918 C. 1921 D. 1923