

LECTURERS IN GOVERNMENT POLYTECHNIC COLLEGES (ENGINEERING AND NON-ENGINEERING) IN A.P TECHNICAL EDUCATION SERVICE. - NOTIFICATION
NO.23/2018

PHYSICS- 12TH MAR 2020 – S2 – REVISED KEY

Question Number : 3 Question Id : 184242303

Which particle from below has the zero Baryon number?

Answer:

Neutrino

Pion

Question Number : 9 Question Id : 184242309

The quark structure of Delta Baryon is:

Answer:

uuu

ddd

Question Number : 12 Question Id : 184242312

How does the nuclear density change when the nuclear mass (A) is doubled?

Answer: Deleted

Question Number : 30 Question Id : 184242330

The metallic iron changes from the body-centred cubic structure (bcc) to the face-centred cubic structure (fcc) at 910°C with an increase in the atomic radii. The density of iron in this structural change:

Answer: Deleted

Question Number : 34 Question Id : 184242334

The equilibrium concentration of a Schottky defect in crystal is given by:

Answer: Deleted

Question Number : 61 Question Id : 184242361

The minimum number of resistors required in a 4 bit D/A network of weighed resistor type is:

Answer: Deleted

Question Number : 68 Question Id : 184242368

The change in the internal energy of a gas is directly proportional to the:

Answer:

change in temperature

change in pressure

Question Number : 130 Question Id : 184242430

The value of the Poisson bracket $[\vec{a} \cdot \vec{r}, \vec{b} \cdot \vec{p}]$ where \vec{a} and \vec{b} are constant vectors, is:

Answer: Deleted