

TNPSC General Science Model Question Paper Pdf

Question: 1

Carbon reacts with metal to form

- (A) Oxide
- (B) Carbide
- (C) Carbonate
- (D) Hydroxide

Ans: B

Carbide

Question: 2

Neutron is

- (A) Sub atomic particle having a unit mass and unit electrical charge.
- (B) Sub atomic particle having no mass and no electrical charge.
- (C) Sub atomic particle having no mass but unit electrical charge.
- (D) Sub atomic particle having a unit mass and no electrical charge.

Ans: D

Sub atomic particle having a unit mass and no electrical charge.

Question: 3

Carbon, diamond and graphite are together called

- (A) Isotopes
- (B) Isomorphs
- (C) Isomers
- (D) Allotropes

Ans: D

Allotropes

Question: 4

The anti-knocking compound used in petrol engines is

- (A) Mono ethyl Lead
- (B) Triethyl Lead
- (C) Diethyl Lead
- (D) Tetra-ethyl Lead

Ans: D

Tetra-ethyl Lead

Question: 5

Which of the following is called Noble's oil?

- (A) TNT
- (B) Nitro Glycerine
- (C) Trinitro Glycerine (TNG)
- (D) Trinitro Phenol

Ans: C

Trinitro Glycerine (TNG)

Question: 6

Which of the following is used as a material for making protective windows in space probes?

- (A) Diamond
- (B) Tungsten

(C) Graphite

(D) Steel

Ans: A

Diamond

Question: 7

The natural rubber is a polymer of

(A) Isoprin

(B) Vinyl chloride

(C) Acetylene

(D) Ethylene

Ans: A

Isoprin

Question: 8

What is the shape of ethylene molecule?

(A) Coplanar triangular

(B) Hectohedral

(C) Tetrahedral

(D) Linear

Ans: A

Coplanar triangular

Question: 9

Which one of the following is a component of tear gas?

(A) Chloropicrin

- (B) Ether
- (C) Ethanol
- (D) Ethane

Ans: A

Chloropicrin

Question: 10

The raw material used for the manufacturing of nylon is

- (A) Formaldehyde
- (B) Urea
- (C) Edipic acid
- (D) Ethylene

Ans: C

Edipic acid