

ASPIRANTS'

IIT-JEE/NEET FOUNDATION

CLASS: VI	IIT-JEE/NEET MODEL TEST PAPER	DATE:
MAX. MARKS: 50		TIME: 60 MINUTES

SECTION-I : (S.C.A.T) - (7 × 3 = 21 M)

- Which of the following is soluble in water?
A) Soil B) Sand
C) Chalk D) Sugar
- The insoluble solid material which settles down when a suspension is allowed to stand undisturbed is called:
A) Residue B) Decantation
C) Sediment D) Supernatant
- Which of the following processes is used for making yarn from fiber?
A) Weaving B) Spinning
C) Ginning D) Knitting
- Which one of the following is a compound?
A) Hydrogen B) Nitrogen
C) Air D) Carbon dioxide
- The change of a ball of dough to a rolled out roti is a ____ change.
A) Physical B) Chemical
C) Periodic D) None of these
- The clear water that obtained after purification by some man made processes is called:
A) Well water B) River water
C) Treated water D) Sea water
- Which of the following will diffuse faster than the others?
A) Water B) Petrol
C) Perfume D) Milk

SECTION - II : (M.C.A.T : 3×4 = 12 M)

- Which material is soft in nature?
A) Sponge B) Nail
C) Cotton D) Chalk
- Why the separation of components of a mixture is essential?
A) To remove unwanted components
B) To remove harmful components
C) To obtain pure and useful
D) None of the above

- Which of the following is an example of a chemical change?
A) Metal rusting
B) Silver tarnishing
C) Water boiling
D) Paper burning

SECTION - III : (C.T : 3 × 3 = 9 M)

Taking out useful substance from a mixture is usually the main reason for separation of substances.

- Grain seeds are removed from their stalks by :
A) Sieving B) Winnowing
C) Threshing D) All of these
- Which process takes place while washed clothes are being dried?
A) Magnetic separation
B) Filtration
C) Evaporation
D) Centrifugation
- Cream is separated from milk by:
A) Evaporation B) Coagulation
C) Distillation D) Centrifugation

SECTION - IV : (M.M.T : 4 × 2 = 8 M)

Column - I

- Ice
- Dew
- Hails
- Steam

Column - II

- Solid form of water
- Liquid form of water
- Gaseous form of water
- Formed when water is cooled