

Q. 1. Find the odd one out with reference to vision. Crow, Frog, Dog, Gorilla (4) Gorilla (1) Crow (2) Frog 3 Dog When we add a drop of ink to the water, it gets coloured. Which property of Q. 2. matter is responsible for this? (1) Matter has mass (2) Matter has volume (4) Matter can change its state · (3) Matter is made up of particles Q. 3. Chemical changes in nature are normally\_ (2) periodic (3) reversible (4) irrevresible (1) slow Q. 4. Why should we use taps with pressure knob at public places? (1) They are easy to operate (2) They avoid wastage of water (3) They are light and durable (4) They do not rust Q. 5. Observe the figure of the magnets and identify the South pole. ① A (2) B 3 C (4) None of these Cobalt : Magnetic :: Sal ammoniac :\_ Q. 6. (1) Sublimative (2) Insoluble (3) Non-degradable (4) Evaporative Q. 7. Find the incorrect pair: Jamun - dispersal by animals 1) Tulsi - medicinal plant 3 Beetlenut - dispersal by water (4) Banyan - wood for furniture Q. 8. Who am I? I Protect important internal organs and help them to give out Carbon dioxide. ( Diaphragm (1) Skin (2) Ribcage 3 Skull Which statement is incorrect with respect to the plants? Q. 9. (1) Plants have movements (2) Plants grow continuosly (3) Plants do not excrete (4) Plants respond to the stimuli





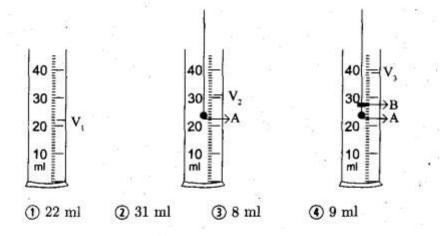
Q. 10. Machines are used to \_\_\_\_\_.
① save time
③ do work of uniform quality with greater ease

save labour
 All of the above

- Q. 11. What will be the effect of indescriminate deforestation?
  ① Animals will not find proper shelter
  ② Soil erosion will take place on large scale
  ③ Animals will be deprived of their food
  ④ All of the above
- Q. 12.
   Which metals are present in the central part of the core of the Earth?

   ① Iron and Nickel
   ② Iron and Magnesium

   ③ Iron and Aluminium
   ④ Magnesium and Silicon
- Q. 13. Which disease will spread if there are puddles of waste water?
  ① Jaundice ② Typhoid ③ Dengue ④ T. B.
- **Q. 14.** A measuring cylinder contains  $V_1$  ml of water in it. When a heavy body A is immersed in it, the water level becomes  $V_2$ . When a light body B is tied with A and both are completely immersed in water, the level comes to  $V_3$ . Observe the values of  $V_1$ ,  $V_2$  and  $V_3$  from the figure and find out the volume of B.



- Q. 15. Growing children need which constituent of food more than the elder persons? (1) Vitamin (2) Protein (3) Fat (4) Mineral
- Q. 16. Drip irrigation method should be used in agriculture because\_\_\_\_\_.

   ① it has low cost
   ② wastage of water is avoided

   ③ plants get plenty of water
   ④ all parts of plants get water





- Q. 17. When we boil an egg in water, there are two changes. How these changes can be described?
  - (1) Both the changes are physical
  - (1) Both the changes are chemical
  - (3) Chemical change takes place because of physical change
  - Physical change takes place because of chemical change
- Q. 18. Arrange following statements in proper order for making sprouts:
  - a. Tie the pulses in a clean cloth
  - b. Drain out the water after 5–6 hours
  - c. Wash pulses clean
  - d. Soak pulses in water

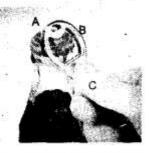
(1) a, b, c, d (2) d, c, a, b

( b, c, d, a

- Q. 19. Why watermelons grow well in sandy soil?
  - (1) Sandy soil retains water
  - (2) Sandy soil allows air circulation
  - (3) Humous is more in this soil
  - ( We can give more fertilizers to this soil
- Q. 20.
   Find the odd pair:

   ① Lung, trachea
   ② Pancreas, liver

   ③ Intestine, kidney
   ④ Brain, nerve
- Q. 21. Figure shows a bottle opener. Select the correct labels of A, B and C.



A - Force, B - Fulcrum, C - Load
 A - Fulcrum, B - Load, C - Force
 A - Load, B - Fulcrum, C - Force
 A - Fulcrum, B - Force, C - Load

Q. 22. We have to use a large box for TV than for DVD player, because TV has more\_\_\_\_.
 (1) area
 (2) volume
 (3) mass
 (4) length





| Q. 23. | Find the od  | d one out:  | 20                          |  |                | 1983, s     |  |  |  |
|--------|--|---|-----------------------------|--|----------------|-------------|--|--|--|
| 0.000  | 1 Air  | (2) Water   | (3) Insect                  | ( Dust   |                |             |  |  |  |
|        | •  |   | 0                           | •  |                |             |  |  |  |
| Q. 24. | A bus is m   | oving at a spee   | d of 48 km/hr               | How much di  | stance will it | cover in    |  |  |  |
| Q. 14. | A bus is moving at a speed of 48 km/hr. How much distance will it could hour 15 minutes? |   |                             |  |                |             |  |  |  |
| 12     | (1) 60  km   |   | (3) 50 km                   | @ 62 1mm   |                |             |  |  |  |
| 500 C  | () 60 km   | ⑦ 72 km   | (J) 50 Km                   | ④ 63 km  |                |             |  |  |  |
| 0 05   |  |   |                             |  |                | a.          |  |  |  |
| Q. 25. | Why some mountain peaks from the Himalayan ranges are always covered with snow?          |   |                             |  |                |             |  |  |  |
|        |  | eive heavy rai  |                             | hey do not have  |                |             |  |  |  |
|        | <li>3 They had</li>  | ve many plants  | s () T                      | hey fall in high   | altitude rang  | e .         |  |  |  |
|        |  |   |                             |  |                | r as        |  |  |  |
| Q. 26. | ORS or Jal   | <i>sanjivani</i> is pre   | pared from                  | ·  | 1 S - 2 - 1    |             |  |  |  |
|        | 1 litre be   | oiled water + 8   | kg sugar + ½                | kg salt  |                | 55          |  |  |  |
|        |  |   |                             |  | 1. P           | R (         |  |  |  |
|        |  | (2) 1 litre boiled water $+ \frac{1}{2}$ kg sugar $+ 8$ kg salt<br>(3) 1 litre boiled water $+ 8$ teaspoons sugar $+ \frac{1}{2}$ teaspoon salt |                             |  |                |             |  |  |  |
|        | (4) 1 cup boiled water + 8 teaspoons salt + $\frac{1}{2}$ teaspoon salt                  |   |                             |  |                |             |  |  |  |
|        | G I cup bo   | aca water ; o   | reaspoons sare              | 1 72 touspoon  | Gui            |             |  |  |  |
| Q. 27. | Find the od  | d one out:  |                             | СП — Полог   |                |             |  |  |  |
| Q. 41. |  |   | . O.V                       |  | eac 1          |             |  |  |  |
|        | ① Stone  | <li>② China cla</li>  | y G M                       | larble 🕘 Bi  | ICK            | 18          |  |  |  |
|        |  |   |                             |  |                |             |  |  |  |
| Q. 28. |  | et has very low   |                             |  | - N            | §           |  |  |  |
|        | (1) Mercury  | <li>Venus</li>  | 3 Earth                     | ④ Neptune  |                |             |  |  |  |
|        |  |   | 1 0.0 1.0 10                | 8 S  |                | 51153 · · · |  |  |  |
| Q. 29. |  | aper is 0.06 m  | <sup>2</sup> . If length of | the paper is 30  | cm, what w     | ill be its  |  |  |  |
|        | breadth?   |   |                             |  |                |             |  |  |  |
|        | 1 0.2 m  | (2) 0.02 m  | 3 2 m                       | ④ 20 m   | 2.45           |             |  |  |  |
|        | 550  | 52.   | 85                          | 19   | 8.<br>         |             |  |  |  |
| Q. 30. | Tsunamis a   | re caused due t   | o the earthqua              | kes .  |                |             |  |  |  |
| 1999   | (1) on an island (2) near seashore   |   |                             |  |                |             |  |  |  |
|        | (3) in the riv   |   | ( at oceanb                 |  |                |             |  |  |  |
|        | In the fit   | 1010003   | () at occane                | in the second se |                |             |  |  |  |
| Q. 31. | Amongo the   | following play  | te in decondin              | g order of their   | life enery     |             |  |  |  |
| 4. 51. | a. Coconut   |   |                             |  | me span.       |             |  |  |  |
|        | a. Coconut   | tree 0.50   | garcane 'c. Ra              | disti  |                |             |  |  |  |
|        | <u> </u>   | <b>A</b> 1  | 0                           | <b>A</b>   |                |             |  |  |  |
|        | (1) a, b, c  | <li>2 b, c, a,</li>   | (1) c, a, b                 | ( <b>a</b> , c, b  |                |             |  |  |  |
|        | -  |   | - N                         | 22 C   |                |             |  |  |  |
| Q. 32. | Who am I?  |   |                             |  |                | <u> </u>    |  |  |  |
|        | I digest food  | l using three di  | fferent digestiv            | e juices.  |                | - 22        |  |  |  |
|        | 1 Large int  | testine (2) Sr  | nall intestine              | 3 Stomach  | <li>Liver</li> | 3           |  |  |  |
|        | 1.750 T.M.   | 1.5   | - 10<br>                    | - 19 <b>8</b> 795<br>  |                |             |  |  |  |
| Q. 33. | What will be the relation between the volume and capacity of a wooden box?               |   |                             |  |                |             |  |  |  |
|        | <ul> <li>① Capacity = Volume</li> <li>② Capacity &lt; Volume</li> </ul>                  |   |                             |  |                |             |  |  |  |
|        | (i) Capacity   |   |                             | o fixed relation   | 20222313       |             |  |  |  |
|        | () capacity  | > i branie  | <b>U</b> II                 | o madu relation  |                |             |  |  |  |





- Q. 34. A boatman uses a pole\_\_\_\_ (1) to set his boat afloat

  - (2) to balance the boat in deep water
  - (3) to change direction in deep water
  - ( None of these
- Q. 35. Food, wood and coal store energy from which basic source? (2) Carbon (1) Plant 3 Sun (4) Earth
- Q. 36. Find the odd pair: (1) Iodine, Camphor ③ Chalk, Sand

2 Sugar, Alum (4) Milk, Salt

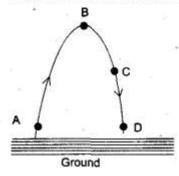
Q. 37. Coordination between which organs is needed when we cut our nails with nail cutter?

| (1) Hand, Foot           | <li>Hand, Foot, Eye</li> |
|--------------------------|--------------------------|
| (3) Hand, Foot, Eye, Ear | (4) Foot, Eye            |

- Q. 38. Choose the correct statement about vaccine:
  - (1) It contains very less number of microorganisms of that disease
  - (2) It acts as a medicine
  - (3) All vaccines are 100% effective
  - (4) Vaccines are always injected in body
- Q. 39. State the correct statement about strength of a bar magnet.
  - ① Strength of a magnet is maximum at the centre and goes on decreasing towards the end
  - (2) Strength of a magnet is same all over the length
  - (3) Strength of a magnet is maximum near end and minimum at the centre

(4) Magnet has strength only at the end points

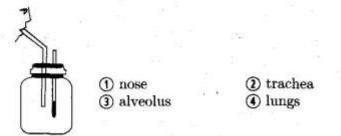
Q. 40. Figure shows path of a body thrown in the upward direction from ground. Find the correct statement.







- (1) At point A kinetic energy of the body is minimum
- (2) At point B potential energy of the body is minimum
- 3 At point C potential energy of the body is maximum
  - ( At Point D kinetic energy of the body is maximum
- Q. 41. Which of the following represents the quantity of matter in a substance?
  ① Volume
  ② Mass
  ③ Density
  ④ Weight
- Q. 42. Which of the following organs work as a pump? ① Lungs ② Heart ③ Intestine ④ Kidney
- Q. 43. Heaviness : Density :: Space occupied :\_\_\_\_\_\_ (1) Length (2) Area (3) Volume (4) Mass
- Q. 44. Which of the following will decrease consumption of natural resources?
  (1) Use of paper for writing
  (2) Use of disposable dishes
  - (1) Use of slate for doing rough work
  - ( Use of thermocoal glasses
- Q. 45. Why does the speed increase while sliding down a slide?
  ① Due to muscular force
  ③ Due to gravitational force
  ④ Due to frictional force
- Q. 46. Mammals have a cover of \_\_\_\_\_ on their skin. ① scales ② hair ③ feathers ④ mucous
- Q. 47. This experiment is related to the working of\_\_\_\_\_



 Q. 48.
 Find the odd one out with reference to vaccination:

 ① Polio
 ② BCG
 ③ Measles
 ④ Diphtheria





|                  | Which gas f<br>the plants?   | rom the atmos   | sphere form  | is a compoun   | d that is use   | ful for gro   | wth of         |  |
|------------------|--|---|--|--|---|---------------|----------------|--|
|                  | 1 Helium   | <li>② Carbon d</li>   | lioxide (  | <ol> <li>Nitrogen</li> </ol>   | () Water v  | /apour        |                |  |
| Q. 50.           | Find the odd one out:  |   |  |  |   |               |                |  |
|                  | 1 Salt   | <li>② Sugar</li>  | <li>③ Pota</li>  | ssium permai   | nganate ()  | Alum          |                |  |
| Q. 51.           | Which of th  | e following is  | not produc   | ed from a pla  | ant?  |               | 1              |  |
|                  | (1) Coir   | <li>Jute</li>   | <li>③ Silk</li>  | () Ca  | techu   |               | 1              |  |
| Q. 52.           | A and B have performed same amount of work. A has displaced an object by 4 m. and B has displaced same object by 2 m. Hence force applied by A is times that applied by B. |   |  |  |   |               |                |  |
| 5.522            | 1 1/2  | <b>①</b> 1  | °3 2   | <b>④</b> 4   |   |               |                |  |
| Q. 53.           | What is the  | distance betw   | oon the Fe   | rth and the  | Sun?  |               | `              |  |
| Q. 00.           | 1) 15 thousa   |   |  | housand km   | Jun:  | 11            | 87             |  |
|                  | 3 15 lakh k  |   | 🖲 15 cr  |  |   |               |                |  |
| Q. 54.           | When a chil<br>① oscillator  | d plays s <del>ee s</del> a<br>y 🛈 u  | 아이는 것은 것이 같은 것이 다 많은 것을 같았다.   | ion is<br>3) random  | motion.<br>④ non-uni  | form linea    | ır             |  |
| Q. 55.           | The clock in<br>watch.   | the figure ha   | s only hou   | r hand. Estin  | mate the tim  | e shown       | by the         |  |
|                  |  |   | - C  |  |   | · · · · ·     |                |  |
|                  | 12   | · · · · · ·   |  |  | 14  | 22 10         |                |  |
| - 9145           | 12   | ① 3   | hr. 15 min.  | (2) 2 h  | r. 15 min.  | 5             |                |  |
|                  | -9 -3  |   | hr. 15 min<br>hr. 45 min   |  | r. 15 min.<br>r. 45 min.                                    | 5             | in<br>in<br>ta |  |
|                  |  |   |  |  |   |               | ta<br>n        |  |
| Q. 56,           | Which meth   |   | hr. 45 min   |  | r. 45 min.  | rom a solu    | ition?         |  |
| Q. 56.           | (1) Evaporat   | 3 3<br>od has to be u   | hr. 45 min.<br>used to get<br>② Filtra   |  | r. 45 min.  | rom a solu    | ition?         |  |
| Q. 56.           |  | 3 3<br>od has to be u   | hr. 45 min.<br>used to get   |  | r. 45 min.  | rom a solu    | ition?         |  |
| Q. 56,<br>Q. 57. | (1) Evaporat<br>(3) Distillation   | 3 3<br>od has to be u   | hr. 45 min.<br>used to get<br>② Filtra<br>④ Centu<br>reased by w                 |  | r. 45 min.<br>and solute fi<br>ollowing met                 | hods?         | ition?         |  |
|                  | <ol> <li>Evaporat</li> <li>Distillation</li> <li>Fertility of s</li> <li>(a) Supply p</li> </ol>   | 3 3<br>od has to be u<br>ion<br>on<br>oil can be incr<br>lenty of water   | hr. 45 min.<br>used to get<br>② Filtra<br>④ Centr<br>reased by w                 |  | r. 45 min.<br>and solute fi<br>ollowing met<br>e crop every | hods?<br>year | 5              |  |
|                  | <ol> <li>Evaporat</li> <li>Distillation</li> <li>Fertility of s</li> </ol>   | 3 3<br>od has to be u<br>ion<br>on<br>oil can be incr<br>lenty of water   | hr. 45 min.<br>used to get<br>② Filtra<br>④ Centr<br>reased by w                 |  | r. 45 min.<br>and solute fi<br>ollowing met<br>e crop every | hods?<br>year | 5              |  |
|                  | <ol> <li>Evaporat</li> <li>Distillation</li> <li>Fertility of s</li> <li>(a) Supply p</li> </ol>   | 3 3<br>od has to be u<br>ion<br>on<br>oil can be incr<br>lenty of water   | hr. 45 min.<br>used to get<br>② Filtra<br>④ Centr<br>reased by w                 |  | and solute from the crop every erent crops a                | hods?<br>year | 5              |  |
| Q. 57.           | <ol> <li>Evaporat</li> <li>Distillation</li> <li>Fertility of s         <ul> <li>(a) Supply p</li> <li>(c) Use fertile</li> <li>(1) a, c</li> </ul> </li> </ol>            | <ul> <li>3 3</li> <li>od has to be up on</li> <li>oil can be incredently of water lizers</li> <li>a, d</li> </ul> | hr. 45 min.<br>used to get<br>② Filtra<br>④ Centur<br>reased by w<br>(<br>③ b, c | (4) 2 h<br>both solvent<br>ation<br>rifuge<br>which of the f<br>b) Grow sam<br>d) Grow diffe | and solute from the crop every erent crops a                | hods?<br>year | 5              |  |
|                  | <ol> <li>Evaporat</li> <li>Distillation</li> <li>Fertility of s</li> <li>(a) Supply p</li> <li>(c) Use fertility</li> </ol>  | 3 3<br>od has to be u<br>ion<br>on<br>oil can be incr<br>lenty of water<br>lizers                                 | hr. 45 min.<br>used to get<br>② Filtra<br>④ Centur<br>reased by w<br>(<br>③ b, c |  | and solute from the crop every erent crops a                | hods?<br>year | 5              |  |

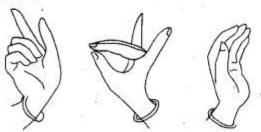




- Q. 59. Find the odd one out on the basis of mode of reproduction: 2 Snake (1) Frog (3) Butterfly (4) Bear
- Mohan applies brakes to a moving scooter. Choose correct statement from the Q. 60. following:
  - (1) Work is done by Mohan
  - (2) No work is performed
  - (3) Work is done by engine of the scooter
  - (4) Work is done by gravitational force
- Q. 61. How hibiscus plant can be described? (2) Shrub, perennial (1) Herb, perennial (3) Herb, annual (4) Shrub, annual
- Q. 62. What is the speed of second's hand of a clock? (1) 1 rotation per second (2) 1 rotation per minute ③ 1 rotation per hour (4) 60 rotations per minute
- Gum from Babul is\_\_\_ Q. 63. (1) food prepared by Babul (3) excretory product of Babul

(2) fruit of Babul (4) digestive juice of Babul

Q. 64. Movements of hand as shown in figure are possible due to which type of joint?



- (1) Ball and socket joint (3) Gliding joint
- Pivot joint (4) Hinge joint
- When a person has snakebite on his leg, where the torniquet is tied? Q. 65. (1) On the site of snakebite (2) Above the site of snakebite (3) Below the site of snakebite (4) Anywhere on the body
- Q. 66. Which is the innermost whorl of Gulmohor flower? 1) Calyx (2) Corolla (3) Gynoecium



(4) Androecium

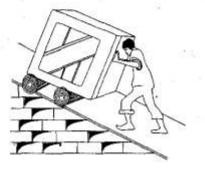


| Q. 67.         | If we put salt near an earthworm, what will it do?   |                      |  |   |   |   |            |  |  |
|----------------|--|----------------------|--|---|---|---|------------|--|--|
| - 19 miles     | (1) It will move towards the salt (2) It will eat the salt   |                      |  |   |   |   |            |  |  |
|                | ③ It will move away from the salt       ④ It will eat the salt         ④ It will move away from the salt       ④ There will be no effect on it |                      |  |   |   |   |            |  |  |
| Q. 68.         | Which of th  | e followi            | ed using spri                              | ng balance?                             |   |   |            |  |  |
| 3.<br>         | ① Volume   | 14<br>14             | <li>Mass</li>                              | 3 We                                    |   | ( Area                                  | s s        |  |  |
| Q. 69.         | it before cut  |                      | Geeta washe                                | d it after                              | cutting. Wl                                 |   | sh washed  |  |  |
| i a            | <ol> <li>Geeta</li> </ol>  |                      | <li>② Ganesh</li>                          | <li>3 Bo</li>                           | un (a)                                      | None of them                            |            |  |  |
| 0.70           | . · ·  |                      |  |   |   |   | 8 a        |  |  |
| Q. 70.         | Ice cream is   |                      | ************************************       | 0.11                                    |   |   | 8 S        |  |  |
|                | ① liquid an  |                      | solids                                     | 0.000                                   |   | solids and gas                          | \$         |  |  |
|                | <li>③ liquid an</li>   | id gas               |  | (4) soli                                | id and gas                                  |   |            |  |  |
|                |  |                      |  | 55 80.5                                 |   |   |            |  |  |
| Q. 71.         | Find the ine   | correct pa           | air for nutrier                            | and its                                 | main resou                                  | rce:                                    |            |  |  |
|                | ① Starch -   | potato               | (2) P                                      | rotein - l                              | eafy vegetab                                | oles                                    |            |  |  |
|                | <li>Fats - co</li>   | oconut               |  | itamins -                               | - fruits                                    | 4                                       |            |  |  |
| Q. 72.         | Some condit  | tions abo            | nt weights us                              | ed for we                               | aighing are g                               | iven below. St                          | ate which  |  |  |
| · · · #·       |  |                      | according to                               |   | 175 (c) | Ten below. De                           | all which  |  |  |
|                |  |                      | e made up of                               |   |   |   | 548 0      |  |  |
|                | - 이번에 비해 한 번에 이 것 같아. 것 같아.  |                      | 가지는 이가 잘 많아야지 않는 것 것이 많이 많이 했다.            | metat                                   |   |   | 3 (1       |  |  |
|                | b. A weight  |                      |  |   |   | 0.0000000000000000000000000000000000000 |            |  |  |
|                | c. A weight must have mark of the manufacturing company on it<br>d. A weight must have mark of weights and measures department                 |                      |  |   |   |   |            |  |  |
|                | d. A weight  | must ha              | ve mark of w                               | eights an                               | d measures                                  | department                              |            |  |  |
|                |  |                      | 2011 ( 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - |   |   | 1                                       | 125        |  |  |
|                | ① a, b, c, d   |                      | (1) a, b, c                                | 1.00                                    | ③ a, c, d                                   | <b>④</b> a                              | , d        |  |  |
| Q. 73.         | Choose the   | correct o            | ption for the                              | spread of                               | f T. B.:                                    |   |            |  |  |
|                | (a) Through  |                      | (b) Through                                | - 1 · · · · · · · · · · · · · · · · · · |   |   |            |  |  |
|                | (c) Through  |                      | (d) Due to h                               |   | spitting                                    |   |            |  |  |
|                | (c) imough   | 1004                 | (d) Due to h                               | aoon or                                 | spround                                     |   |            |  |  |
|                | ① a, b,  | (2) b, d             | 3 a,                                       | d                                       | (1) c, d                                    |   |            |  |  |
| 0.74           | When a unit  | vielo goog           | up the mou                                 | ntain ela                               | no on a circ                                | ular road, wh                           | ich of the |  |  |
| Q. 74.         |  |                      | stand true?                                | intani sio                              | pe on a circ                                | ulai ittad, wii                         | ich of the |  |  |
|                | (1) This is a short cut  |                      |  |   |   |   |            |  |  |
| 23. D          | $\overbrace{0}^{\sim}$ The time required to go up is less than that required in straight road  |                      |  |   |   |   |            |  |  |
|                |  |                      | by this road                               |   |   |   |            |  |  |
|                | ( All of the   |                      | -,   |   |   |   |            |  |  |
| - X            | J  | 20100                |  |   |   |   |            |  |  |
| Q. 75.         | In which of  | the follow           | wing, spring l                             | ike parts                               | may be pres                                 | sent on the ste                         | em?        |  |  |
| 2 <sup>1</sup> | ① Trees  | <li>② Shripting</li> | ubs ③ C                                    | imbers                                  | ( Herbs                                     |   |            |  |  |





- Q. 76. How can you estimate the weight of a big pumpkin?
  - By taking weight of many pumpkins together
    - (2) By taking weight of 1/4 or 1/8 of it
    - (3) By taking actual weight of it
    - By observing it
- Q. 77. Find the odd one out: Hands of a clock, Swing, See-saw, Needle of sewing machine
  ① Hands of a clock
  ② Swing
  ③ See-saw
  ④ Needle of sewing machine
- Q. 78. Observe the figure and choose the correct option:



- Wheel
   Slope
   Pulley
   Wheel and slope
- Q. 79. Running of trains as per the time table is which type of change? (a) Irreversible (b) Non-periodic (c) Periodic (d) Reversible

3 a, c

(1) a, b (2) b, d

- ( c, d
- Q. 80. Which of the following description is most correct for carrot? (1) Lateral root (2) Fruit (3) Food storing stem (4) Food storing root
- Q. 81. Find the odd one out:

   Stray animals, Pastures, Strong wind, Heavy rains

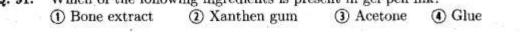
   ① Stray animals
   ② Pastures

   ③ Strong wind
   ④ Heavy rains
- Q. 82. Which method can be used for cleaning wheat adulterated by chaff and sand?
  ① Threshing and sifting
  ③ Sifting and picking
  ④ Threshing and winnowing
- Q. 83. When an object is hung on a spring balance, what effect it has on the spring of the balance?
  (1) Potential energy increases
  (2) Potential energy decreases





|          | <ol> <li>Kinetic energy increased</li> </ol>   | ses 🕘 1             | Kinetic energy deci | reases  |  |  |  |  |
|----------|--|---------------------|---------------------|---|--|--|--|--|
| Q. 84.   | Jelly fish can be classifie  | d as                | x                   |   |  |  |  |  |
|          | (1) aquatic vertebrate   | 2 8                 | amphibious vertebr  | ate   |  |  |  |  |
| <b>验</b> | (3) aquatic invertebrate   |                     | amphibious inverte  |   |  |  |  |  |
| Q. 85.   | Arrange the statements i   | n proper order:     |                     |   |  |  |  |  |
|          | a. Manure is prepared from wet garbage   |                     |                     |   |  |  |  |  |
|          | b. The garbage in the bins is collected and transported to<br>designated places outside the town |                     |                     |   |  |  |  |  |
| 4        | c. Garbage bins are prov   |                     | ng garhage          | 5 5 <b>6</b> 6  |  |  |  |  |
| 2        | d. The garbage is separa   |                     |                     |   |  |  |  |  |
|          | d. The garbage is separa   | ieu mito wet an     | a ary categories    | 1   |  |  |  |  |
|          | ① a, b, c, d   | d, c, b, a          | 3 c, b, d, a        | ④ b, d, c, a  |  |  |  |  |
| Q. 86.   | While suggesting a diet,   | which factors a     | re considered by a  | dietician?  |  |  |  |  |
|          | (1) Age (2) Health   |                     |                     | ( All of these  |  |  |  |  |
| Q. 87.   | Why we have to increase the use of solar energy, wind energy and energy                          |                     |                     |   |  |  |  |  |
|          | from waves?  |                     |                     |   |  |  |  |  |
|          | (1) These are conventional sources of energy   |                     |                     |   |  |  |  |  |
|          | (1) These are non-conventional of energy   |                     |                     |   |  |  |  |  |
|          | (i) These are strong sources of energy   |                     |                     |   |  |  |  |  |
|          | These are everlasting  |                     | зy                  | 2 a 6   |  |  |  |  |
| Q. 88.   | Components of which mixture can be separated by centrifuge method?                               |                     |                     |   |  |  |  |  |
|          | (1) Water and turmeric   | <li>Water a</li>    | nd salt             |   |  |  |  |  |
|          | <ol> <li>Salt and turmeric</li> </ol>  | () Water a          | nd sugar            |   |  |  |  |  |
| Q. 89.   | Which of the following st  | ibstances is brit   | ttle?               | 2 <sup>1</sup> 1 2 2  |  |  |  |  |
|          | (1) Steel glass  | 2 Wooden            | block               | 1997 - 1993 - 1993 - 1993 - 1993 - 1993 - 1993 - 1993 - 1993 - 1993 - 1993 - 1993 - 1993 - 1993 - 1993 - 1993 - |  |  |  |  |
|          | <li>Aluminium ruler</li>   | ( A piece           | of charcoal         |   |  |  |  |  |
| Q. 90.   | Which energy is used when we run?  |                     |                     |   |  |  |  |  |
|          | (1) Kinetic energy   | <li>2 Potentia</li> | l energy            |   |  |  |  |  |
|          | (3) Physical energy  | (4) Heat ene        |                     |   |  |  |  |  |
| Q. 91.   | Which of the following in  | gredients is pre    | sent in gel pen ink | ?   |  |  |  |  |
| 0.5      | @ B  |                     |                     |   |  |  |  |  |







| Q. 92.  | Which of the following is used as a coolant in ice cream factories?  |
|---------|--|
| ÷       | ① Liquid nitrogen  |
|         | ② Ice + Salt + Saw dust  |
|         | (i) Freon  |
|         | () Liquid ammonia  |
|         | O refere company   |
| Q. 93.  | Which method is used to get diesel from crude oil?   |
| 4.00.   | (1) Setting (2) Evaporation  |
| (*) =   | (3) Distillation (4) Fractional distillation   |
|         | () Distillation  |
| Q. 94.  | Which waves are used in a remote control of TV?  |
| Q. 34.  | (1) Infrared (2) Ultraviolet (3) Ultrasonic (4) FM   |
| 4-1     | () Initiated () Ottraviolet . () Ottrasonic () PM  |
| Q. 95.  | Which fibers are used in a bullet proof jacket?  |
| Q. 35.  | 사망감 중 경험에 있는 것은 것이 한 것 같은 것이 한 것이 것 같은 것이 있는 것은 것이 같은 것이 같은 것이 있는 것이 것은 것이 같은 것이 같은 것이 있는 것이 있는 것이 있는 것이 있는 것이 있   |
|         | (1) Silk (2) Spider-web (3) Kevlar (4) Melamine  |
| Q. 96.  | Which ingredient in chillies make them taste hot?  |
| Q. 30.  | (1) Theocynate (2) Lacrimator (3) Capsicin (4) Pepperoni   |
|         | () Theocynate () Eacrimator () Capsicin () Pepperoni   |
| 0 07    | Very 2011 is being colobrated as International year of   |
| Q. 97.  | Year 2011 is being celebrated as International year of   |
|         | (1) Environment (2) Astronomy (3) Biodiversity (4) Chemistry   |
| 0 00    | Construction of a dam by China on which of the following rivers originating in   |
| Q. 98.  | 가장 중 것이 없는 것이 아니는 것이 같아요. 이 것은 것이 이 것 같아. 이 이 것 않는 것 같아. 이 것은 것 것입니 것이 가지 않는 것 같아. 이 이 것 같아. 것 같아. 것 같아. 것 같아. 이 이 가지 않는 것 같아. 이 이 이 있는 것 같아. 이 이 있는 것 같아. 이 이 있는 것 같아. 이 이 이 있는 것 같아. 이 이 있는 것 같아. 이 이 있는 것 같아. 이 이 이 이 있는 것 같아. 이 이 이 이 있는 것 같아. 이 이 이 있는 것 같아. 이 이 이 있는 것 같아. 이 이 이 이 이 있는 것 같아. 이 이 이 이 이 이 이 이 이 이 이 이 이 이 이 이 이 이 이  |
|         | Tibet is considered to be a threat to India and Bangladesh?  |
|         | (1) Sutlaj (2) Brahmaputra (3) Khasi (4) Sindhu  |
| 0.00    | C 1  |
| Q. 99.  | 방송 제품 성격 전쟁 성격 이 것 이 방송 방송 방송 방송 방송 방송 방송 방송 문제 이 가지 않는 것이 같이 많이 다 가지 않는 것이 같이 있다. 그는 것은 것은 것이 가지 않는 것이 같이 있는 것이 같이 많이 있는 것이 없다. 것이 있는 것이 없는 것이 없다. 것이 없는 것이 없다. 것이 없는 것이 없다. 것이 것이 없는 것이 없다. 것이 없는 것 않이 |
|         | (1) LED (2) Plasma (3) LCD (4) Cathode Ray Tube  |
| 0 100   | NR 1 Col Clinic 1 of State Discovery Children by St  |
| Q. 100. | Which of the following is the State Flower of Maharashtra?   |
|         | (1) Gulab (2) Lotus (3) Tamhan (4) Bahawa  |
|         |  |





- A. 1. (4) Explanation: Gorilla has eyes on the front side of the face. Distance between its two eyes is less. Rest three animals have eyes on both sides of the face. Their range of vision is more than gorillas.
- A. 2. (3) Explanation: Matter is made up of tiny particles. There is space between these particles. When we add a drop of ink to the water, the particles of ink occupy the space between the particles of the water and the water gets coloured.
- A. 3. (4) Explanation: Ripening of fruit, burning of wood or coal, ripening of leaves, conversion of milk to curd are some natural chemical changes. All these changes are irreversible.
- A. 4. (2) Explanation: We get water from the tap having pressure knob only when we apply pressure. As pressure is removed, the flow stops and the water does not flow continuously. This avoids wastage of water.
- A. 5. (3) Explanation: In one magnet, S denotes the South pole. Hence second pole A must be the North pole. From the figure, pole B of the second magnet repels A, while pole C get attracted towards A. This means C is the pole opposite to the pole A. As A is the North pole, C must be the South pole.
- A. 6. (1) Explanation: The second word magnetic describes the property of the first word Cobalt. Hence to fill in the gap we must find the property of Sal ammoniac, which is sublimative.
- A. 7. (4) Explanation: Tulsi is a medicinal plant. Animals eat Jamun and its seeds are dispersed by them. Beetlenut trees grow near water. Its fruits have light cover, and they can float on water and get dispersed by water. All the three options are correct. Banyan wood is soft and not so durable. Hence it is not used for furniture.
- A. 8. (2) Explanation: Ribcage protects lungs and the heart. It also helps the contraction and expansion of lungs which give out Carbon dioxide.
- A. 9. (3) Explanation: Though plants do not move from one place to other, we can see a movement in plants like touch-me-not (Mimosa pudica). When flower blossoms there is a movement of petals. Plants grow continuously and when they move towards light, they show response to the stimuli. Plants excrete in the form of water vapour, rubber, gum etc. Hence, plants do not excrete is an incorrect statement.





- A. 10. (4) Explanation: Machines save time as well as labour. We get product of uniform quality with greater ease by machines. Hence the answer is all of the above.
- A. 11. (4) Explanation: Wild animals get food, shelter and protection from the forest. And soil erosion due to heavy rain and strong wind is reduced by the trees in the forest. So indiscriminate deforestation will deprive all the above listed advantages of the forest.
- A. 12. (1) Explanation: Central part of the core of the Earth is made up of Iron and Nickel and is like a solid ball. This is up to 1,200 km from the centre.
- A. 13. (3) Explanation: Dengue is spread by mosquitoes. Mosquitoes breed in puddles of water. Hence dengue will get spread if there are puddles of water. Drinking contaminated water can cause jaundice or typhoid. T. B. spreads through air.
- A. 14. (3) Explanation:

 $V_1 = 22 \text{ ml} = \text{Volume of water in the cylinder}$   $V_2 = 31 \text{ ml} = \text{Volume of water} + \text{Volume of object A}$   $V_3 = 39 \text{ ml} = \text{Volume of water} + \text{Volume of object A} + \text{Volume of object B}$   $Volume \text{ of Object B} = V_3 - V_2$  = 39 - 31= 8 ml

- A. 15. (2) Explanation: Proteins are important building blocks of all the cells in the body. Protein provides all the raw materials the body needs to develop and function. Protein also heals wear and tear of the body. Dietary requirements for protein are affected by many factors, including age and growth. Growing children need more proteins than elders as their bodies are still growing.
- **A. 16.** (2) Explanation: In drip irrigation, the water is supplied drop-by-drop near the roots. So roots get enough water and the loss due to evaporation is avoided.
- A. 17. (3) Explanation: When water is boiled, physical change take place. Due to boiling of water the egg gets boiled exhibiting a chemical change.
- A. 18. (3) Explanation: Pulses are washed to remove dust and unwanted particles, they are soaked in water for 5–6 hours. They swell in water. The extra water is then drained out and the pulses are tied in a clean cloth to sprout.
- A. 19. (2) Explanation: Particles of sandy soil are large. There are small spaces between sand particles. So more air circulation takes place in soil. This provides more air to the roots and this is the reason why watermelons grow well in sandy soil.





- A. 20. (3) Explanation : Intestine is a part of the digestive system, while kidney is a part of excretory system. In all other options, both the parts belong to the same system.
- A. 21. (2) Explanation: While opening the bottle, the part of the opener which do not move is A. Hence, A is fulcrum. Force is applied at C, hence C is force. The lid is lifted at B. Hence B is load.
- A. 22. (2) Explanation: To choose a proper box for any substance, we have to think over its volume and not the length, area or mass.
- A. 23. (3) Explanation: Insect is a living thing and all other options are non-living things.

## A. 24. (1) Explanation:

1 hour 15 minutes = 1.25 hours. (:: 60 minutes = 1 hour) Distance = Speed x Time = 48 x 1.25  $\doteq 60 \text{ km}$ 

- A. 25. (4) Explanation: Heavy rainfall or plants have very small effect on the temperature. But as we go to higher altitudes, the temperature falls to lower levels. At higher altitudes the temperature is usually less than 0 °C. Hence peaks in this region are always covered with snow or ice.
- A. 26. (3) Explanation: To prepare ORS, 8 teaspoons of sugar and ½ teaspoon of salt is added to one litre boiled water.
- A. 27. (4) Explanation: Brick is a man-made substance, while stone, china clay and marble are natural substances.
- A. 28. (4) Explanation: Neptune is the last planet of the Solar system. Its distance from the Sun is much more than the distance of Mercury, Venus or the Earth. And hence is has very low temperature as compared to the other planets.
- A. 29. (1) Explanation: Length of the paper = 30 cm = 0.3 m. Area of rectangle = Length x Breadth

0.06 = 0.3 x Breadth

: Breadth = 
$$\frac{0.06}{0.3} = 0.2 \,\mathrm{m}$$

A. 30. (4) Explanation: Due to the earthquakes at oceanbeds, some part of the ocean bed vibrates. This causes formation of large waves which are called tsunamis.





- A. 31. (4) Explanation: Coconut tree is perennial plant. Its life span is of many years. Sugarcane is also a perennial plant, but its life span is about 6-8 years. Radish is a biennial plant. Its life span is 2 years.
- A. 32. (2) Explanation: In small intestine food is digsted using digestive juices produced by liver, pancreas and small intenstine.
- **A. 33.** (2) Explanation: Volume of a vessel is the space occupied by it. The volume of the liquid that a vessel can hold is called the capacity of the vessel. This is the inner volume of the vessel. Hence, capacity is always less than volume.
- A. 34. (1) Explanation: When the boat is steady in shallow water, force is applied on the ground using pole and the boat is pushed forward.
- A. 35. (3) Explanation: In photosynthesis, plants store solar energy in the form of chemical energy. We get food from plants. Wood and coal are the different forms of plants only. Hence basic source of food, wood and coal is the Sun.
- A. 36. (4) Explanation: In options 1, 2 and 3, both substances have same property. In option 4, milk is a liquid while salt is a soluble soild. Properties of these two substances are different.
- A. 37. (2) Explanation: We cut the nails of our hand and foot by hand. To place the nail cutter at proper place, we have to see it.
- 'A. 38. (1) Explanation: Vaccine contains very less number of microorganisms of that disease. It is given as a preventive measure before the disease occur. Medicines are given on the occurance of a disease. Hence vaccine is not a medicine. All vaccines are not 100% effective. Vaccines are not always injected in the body. Some vaccines likes Polio vaccine are administered orally.
- A. 39. (3) Explanation: When a bar magnet is kept in Iron fillings, very few fillings get attracted towards the centre and a large amount of fillings get attracted towards the either ends of the magnet.
- A. 40. (4) Explanation: When we throw a body in the upward direction, its kinetic energy goes on decreasing and potential energy goes on increasing. At maximum height as the body starts coming down its kinetic energy starts increasing and is maximum when it touches the ground. As it touches ground, its kinetic energy becomes zero and potential energy reaches to maximum level.
- A. 41. (2) Explanation: The quantity of matter in a substance is known as mass of the substance.





- A. 42. (2) Explanation: Contraction and relaxation of heart is a periodic phenomenon. When heart contracts, the blood inside it gets pumped out and move to all parts of the the body. Relaxation of heart results in collection of blood from various parts of the body into it. This resembles to the action of a pump.
- A. 43. (3) Explanation: As density shows heaviness of a body, volume shows the space occupied by the body.
- A. 44. (3) Explanation: Disposable dishes or thermocol glasses can be used only once. When we write on a paper, we cannot use the same paper for writing. But if we use slate for doing rough work, we can rub it and use the slate again and again.
- A. 45. (3) Explanation: Any body when comes down from some height, its velocity goes on increasing due to gravitational force.
- A. 46. (2) Explanation: Fishes and reptiles have scales on them. Birds have feathers. Amphibians (e. g. frogs) have mucous membrane on them and mammals have cover of hair on their skin.
- A. 47. (4) Explanation: When we suck out the air in the bottle by the other tube, the pressure of air inside the bottle decrease. So the outside air enters the balloon and inflates it. When we stop sucking, the air from the balloon goes out. Working of the lungs takes place in the similar manner.
- A. 48. (1) Explanation: Vaccines of BCG, measles and diphtheria are injected in the body. But vaccine of Polio is administered orally.
- A. 49. (3) Explanation: Nitrogen from air combines with Oxygen to form Nitrogen oxide when lightening occurs. It dissolves in rain water and get mixed with soil. In soil, Nitrogen oxide reacts with different salts and form nitrates, which are soluble. These nitrates are taken by plants and converted into proteins, which are essential for growth of the plants.
- A. 50. (3) Explanation: Salt, sugar and alum are white in colour while Potassium permanganate is purple in colour.
- A. 51. (3) Explanation: Coir, jute and catechu are produced from plants. Silk is produced from silkworm.





- A. 52. (1) Explanation: Work = Force x Displacement
  - W = F.S

Let  ${\rm F_A}$  and  ${\rm F_B}$  represent force applied by A and B respectively As work done by both of them is same,

- $\mathbf{F}_{A} \mathbf{x} \mathbf{4} = \mathbf{F}_{B} \mathbf{x} \mathbf{2}$  $\mathbf{F}_{A} = \mathbf{F}_{B} \mathbf{x} \mathbf{2}/4$  $\mathbf{F}_{A} = \frac{1}{2} \mathbf{F}_{B}$
- A. 53. (4) Explanation: The distance between the earth and the Sun is 15 crore km.
- A. 54. (1) Explanation: When a child plays see-saw, he moves up and down repeatedly. Hence this is an oscillatory motion.
- A. 55. (4) Explanation : As the hour hand is between 2 and 3, the timing must be between 2 hr. and 3 hr. Hence 3 hr. 15 min and 3 hr. 45 min. are not correct options. The hour hand is very near to 3. At 2 hr. 15 min., hour hand will be near to 2. Hence time shown by the watch is 2 hr. 45 min.
- A. 56. (3) Explanation: When a solution is distilled, the solvent gets converted into gas and again to liquid. The Solute remains in the pot.
- A. 57. (4) Explanation: Every crop requires different ingredients from the soil. When we grow different crops different ingredients from the soil are used. The loss of used ingredients from the soil is compenseted after some period naturally.
- A. 58. (3) Explanation: 1 hectare is the area of a square having sides of 100 m each. 1 hectare =  $(100 \text{ m})^2$ = 10,000 m<sup>2</sup>

= 10,000 square meters

- A. 59. (4) Explanation: Frog, snake and butterfly are oviparous, while bear is viviparous animal.
- A. 60. (1) Explanation: Mohan applied brakes means he is applying force. Due to this force, the speed of the scooter decreases and it stops after going some distance. As force applied by Mohan changes speed, work is done by Mohan.
- A. 61. (2) Explanation: Height of hibiscus plant is 2 to 3 m. So it is a shrub. It persists for several years usually with new growth from a perennating part. Hence it is perennial.
- A. 62. (2) Explanation: Second's hand completes one rotation in one minute. Hence its speed is one rotation per minute. Speed of the minute hand is 1 rotation per hour.





- A. 63. (3) Explanation: A liquid oozes out from the stem of the *Babul*. It gets solidified over the period and get collcted on the stem. This exerction is called gum of *Babul*.
- A. 64. (3) Explanation: Figure shows movement of wrist joint. Wrist has a gliding joint.
- A. 65. (2) Explanation: When snake bites, its poison gets mixed with blood. To avoid poison from reaching heart, torniquet is tied above the site of snake bite.
- A. 66. (3) Explanation: In Gulmohor flower the four whorls are in the order calyx, corolla, androecium and gynoecium as we go from outside to inside the flower.
- A. 67. (3) Explanation: Salt absorbs water from the skin of the earthworm, so it will move away from the salt.
- A. 68. (3) Explanation: When a body is hung from the hook of the spring balance, the gravitational force on a body (i. e. weight of the body) pulls it down. The spring of the balance gets stretched due to this force. This force can be measured from the scale of the spring balance.
- A. 69. (2) Explanation: When we wash leafy vegetables after cutting it, vitamins from the vegetables get washed. Hence leafy vegetables must be washed before cutting.
- A. 70. (2) Explanation: When ice cream is prepared, sweet milk is churned and cooled. Cooling will solidify the sweet milk and churning mixes air with it. Hence ice cream is basically a mixture of sugar, milk and air.
- A. 71. (2) Explanation: Leafy vegetables are rich in vitamins and minerals. Protein is present in large amounts in pulses, fishes and in meat.
- A. 72. (4) Explanation: According to the law, a weight has to be made up of metal and it must have mark of weights and measures department.
- A. 73. (3) Explanation: Germs of T. B. are present in the spittle of a person having T. B. When this person spits of coughs, the germs spread in air. These germs enter the bodies of people who are nearby through the air they breathe in.
- A. 74. (3) Explanation: The circular road in the mountain has more length and requires more time to cross. But due to less slope, vehicles can easily go up by this road.
- A. 75. (3) Explanation: Shrubs, herbs and trees have strong stem but climbers have weak stem. They require support. That way a spring like part may be present in climbers, because it winds and clings to the support.





- A. 76. (2) Explanation: A pumpkin has large volume. All pumpkins do not have same volume. Hence weighing many pumpkins together to estimate weight of one is not a good idea. By observing the pumpkin we can estimate its volume and not the weight. So by taking weight of  $1/4^{th}$  or  $1/8^{th}$  of pumpkin is the best idea to estimate its weight.
- A. 77. (1) Explanation: Swing, see-saw and needle of sewing machine have oscillatory motion, while hands of a clock have periodic motion.
- **A. 78.** (4) Explanation: In the figure no use of pully is shown. The heavy box is pushed up on the slope using wheels.
- A. 79. (4) Explanation: If trains are running according to the time table, then at a particular station trains will come at some fixed time every day. Hence the change is periodic. If a train goes from X to Y, it also comes back from Y to X hence the change is reversible.
- A. 80. (4) Explanation: Carrot is a root of the plant. It stores food.
- A. 81. (2) Explanation: Strong wind, heavy rains and movement of stray animals cause soil erosion. The grass grown in the pastures reduces soil erosion.
- A. 82. (2) Explanation: In winnowing, the lighter chaff gets away by current of air. Sand particles are smaller than wheat. They it can be removed by sifting.
- A. 83. (1) Explanation: When an object is hung to the spring balance, the spring of the balance stretches. This increases potential energy of the spring.
- A. 84. (3) Explanation: Jelly fish lives in water. So it is an aquatic animal. It does not have vertebral column. So it is an invertebrate.
- A. 85. (3) Explanation: Garbage bins are provided for collecting garbage from homes. The garbage in the bins is collected and transported to designated places outside the town. The garbage is separated into wet and dry categories. Manure is prepared from wet garbage. Dry garbage is recycled.
- A. 86. (4) Explanation: The requirement of food depends upon a person's age and type of work. If the person has any health problem there has to be some do's and don'ts in the diet. Dietician has to consider all these factors while suggesting a diet.





- A. 87. (4) Explanation: At present we use coal, petrol, diesel etc. as sources of energy. But deposits of these fuels are limited. Sun is the never-ending source of energy. We can get energy from the Sun, wind and waves again and again. i. e. these are everlasting sources of energy.
- A. 88. (1) Explanation: If insoluble substance gets mixed with a liquid, it can be separated by centrifuge method. Turmeric in insoluble in water.
- A. 89. (4) Explanation: Out of the given substances, charcoal is a brittle substance.
- A. 90. (3) Explanation: We have to use muscular force for running. The body uses physical energy to enable us to apply muscular force.
- A. 91. (2) Explanation: Xanthen gum is present in gel pen ink.
- A. 92. (4) Explanation: Liquid ammonia is used as a coolent in ice cream factories.
- A. 93. (4) Explanation: Crude oil is a mixture of liquids like petrol, diesel, gasoline etc. These liquids have different boiling points. They are separated from the crude oil by fractional distillation.
- A. 94. (1)
- A. 95. (3)
- A. 96. (3)
- A. 97. (4)
- A. 98. (2) Explanation: Construction of a dam by China on Brahmaputra river is considered to be a threat to India and Bangladesh.
- A. 99. (3) Explanation: Majority of laptop computers has LCD (Liquid crystal display) screen.
- A. 100. (3)

