

# DELHI PUBLIC SCHOOL, SAIL TOWNSHIP, RANCHI

## Question Bank - 3 (SESSION-2018-19)

**SUBJECT:** Mathematics

**CLASS:** – IV

### Ch- 11, 12, 18 & 19

**I. Fill in the blanks:**

- 1) The minute hand takes \_\_\_\_\_ minutes in moving from one number to the next one.
- 2) According to 24 hours' format 07:15 p.m. = \_\_\_\_\_
- 3) 1540 hrs = \_\_\_\_\_ p.m.
- 4) 4 hours 25 minutes = \_\_\_\_\_ minutes.
- 5) 2 hours 45 minutes = \_\_\_\_\_ seconds.
- 6) Neha's favourite television show begins at 6:15 p.m. and ends at 08:00 p.m. The duration of the programme is = \_\_\_\_\_.
- 7) 6 hr 32 min + 8 hr 18 min = \_\_\_\_\_
- 8) The sun rises at 06:10 a.m. and sets at 07:05 p.m. The interval between sunrise and sunset is \_\_\_\_\_
- 9) A train leaves Delhi at 2010 hours and reaches Meerut after 2 hours 30 minutes. At what time does it reach Meerut? \_\_\_\_\_
- 10) 6,860 seconds = \_\_\_\_\_ hours \_\_\_\_\_ minutes and \_\_\_\_\_ seconds.
- 11) Number of days from 9<sup>th</sup> February 2018 to 12<sup>th</sup> May 2018 = \_\_\_\_\_
- 12) 3 years 7 weeks = \_\_\_\_\_ weeks.
- 13) A line segment has \_\_\_\_\_ end points.
- 14) Diameter is the \_\_\_\_\_ chord of the circle.
- 15) A simple closed curve made of line segments only is called a \_\_\_\_\_.
- 16) A polygon made up of four line segments is called a \_\_\_\_\_.
- 17) Length of the curve enclosing a circle is called its \_\_\_\_\_.
- 18) A hexagon has \_\_\_\_\_ sides.
- 19) A straight angle measures \_\_\_\_\_.
- 20) A polygon formed by 8 sides is known as \_\_\_\_\_.
- 21) An angle whose measure is greater than  $90^\circ$  but less than  $180^\circ$  is called an \_\_\_\_\_ angle.
- 22) Sum of all angles of a quadrilateral = \_\_\_\_\_
- 23) Sum of all angles of a triangle = \_\_\_\_\_
- 24) Triangles in which two sides are of same length are called \_\_\_\_\_.
- 25) A triangle has \_\_\_\_\_ sides and \_\_\_\_\_ corners.

26) Triangles can have all 3 sides different lengths, it is called a \_\_\_\_\_ triangle.

27)  \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

28) 4, 6, 9, 11, 14, \_\_\_\_\_

29) Representation of a certain data with the help of pictures is called \_\_\_\_\_.

30) ZAZ, YBY, XCX, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_.

31) 32, 64, 128, \_\_\_\_\_

**II. Do as directed:**

1) The National Highway between Varanasi and Kanyakumari passes through UP, Maharashtra, Karnataka and Tamil Nadu. The approximate length of this NH in the different states is given below.

States	length of the NH (in km)
UP	150 km
Maharashtra	250 km
Karnataka	100 km
Tamil Nadu	600 km

Construct a column graph to represent the above data.

2) Number of babies born in a hospital during the month of the year is given as Under:

Months	Jan	Feb	Mar	Apr
No. of babies born	6	4	10	6

Represent the number of babies born with the help of a bar graph.

3) In table tennis matches, number of ping-pong balls used on different days is given as Under. Represent these numbers by tally marks.

	Mon	Tue	Wed	Thu	Fri	Sat
NO. of ping-pong balls	10	8	9	6	5	12
Tally marks						

# **DELHI PUBLIC SCHOOL, SAIL TOWNSHIP, RANCHI**

## **Question Bank - 3 (SESSION-2018-19)**

**SUBJECT:** Gen. Science

**CLASS:** – IV

### **Ch- 12, 13 & 14**

#### **I. Fill in the blanks:**

- 1) \_\_\_\_\_ reflects the short term changes in the atmosphere of a place at a particular time.
- 2) In nature \_\_\_\_\_ and \_\_\_\_\_ are the solid states of water.
- 3) The blanket of air surrounding the Earth is called \_\_\_\_\_.
- 4) Moving air is called \_\_\_\_\_.
- 5) Temperature is measured in \_\_\_\_\_ and \_\_\_\_\_.
- 6) \_\_\_\_\_ is the degree of hotness or coldness of a body.
- 7) \_\_\_\_\_ is the second largest gaseous planet.
- 8) At the centre of the Sun \_\_\_\_\_ gas changes into \_\_\_\_\_ gas.
- 9) As winter ends \_\_\_\_\_ season begins.
- 10) \_\_\_\_\_ was the first satellite launched by India in 1975.
- 11) \_\_\_\_\_ is the introduction of a substance or a thing that has harmful effects into the environment.
- 12) A substance that causes pollution is called a \_\_\_\_\_.
- 13) Burning of plastic bags releases \_\_\_\_\_ gases.
- 14) Increase in temperature of our atmosphere due to emission of gases like carbon dioxide is called \_\_\_\_\_.
- 15) Using \_\_\_\_\_ in automobiles causes very little air pollution.
- 16) The impurities that settle down in the process of sedimentation is called \_\_\_\_\_.
- 17) Lighter impurities can be removed from water by a process called \_\_\_\_\_.
- 18) Water should be treated with \_\_\_\_\_ or \_\_\_\_\_ to kill the germs present in it.
- 19) An important natural resource in which plants grow \_\_\_\_\_.
- 20) Wearing away of soil by wind or water is called \_\_\_\_\_.
- 21) Cutting down trees in large number is called \_\_\_\_\_.
- 22) We should use \_\_\_\_\_ instead of light bulbs in our home.
- 23) Wastes which pollutes the soil and are not decomposed \_\_\_\_\_.
- 24) Type of wastes which rots and finally gets mixed with soil \_\_\_\_\_.
- 25) Natural fertilizer made in garden \_\_\_\_\_.

#### **II. Name Them:**

- 1) The two equal halves formed when equator divides the Earth : \_\_\_\_\_
- 2) The distance between heavenly bodies is measured in terms of : \_\_\_\_\_
- 3) The greenish blue gas present in Uranus and Neptune: \_\_\_\_\_
- 4) This planet appears as the morning or evening star: \_\_\_\_\_

- 5) The name of our galaxy : \_\_\_\_\_
- 6) This is a small ball of ice that falls like rain : \_\_\_\_\_
- 7) The device used to detect location and severity of factors that affect weather: \_\_\_\_\_
- 8) When water-vapour changes directly into ice without becoming a liquid it is : \_\_\_\_\_
- 9) The process in which water evaporate as vapour from stomata : \_\_\_\_\_
- 10) The process where water changes from liquid to gas on heating: \_\_\_\_\_

### III. Name any two:

- 1) Biodegradable waste: \_\_\_\_\_, \_\_\_\_\_
- 2) Non- biodegradable waste: \_\_\_\_\_, \_\_\_\_\_
- 3) Raw materials obtained from plants for a large number of industries:  
\_\_\_\_\_, \_\_\_\_\_
- 4) Methods to remove insoluble impurities from water :  
\_\_\_\_\_, \_\_\_\_\_
- 5) Diseases caused by drinking polluted water: \_\_\_\_\_, \_\_\_\_\_
- 6) Diseases caused due to air pollution : \_\_\_\_\_, \_\_\_\_\_

### IV. Complete the series:

- 1) Water - Water vapour : evaporation        :: Water vapour – water : \_\_\_\_\_
- 2) White ice crystals on leaves or ground : \_\_\_\_\_ : : small water droplets on grass : dew
- 3) Slow moving air : \_\_\_\_\_ : : fast moving air : wind
- 4) \_\_\_\_\_ : elliptical path : : axis : imaginary line on which earth spins
- 5) Aestivation : Summer sleep    : : \_\_\_\_\_ : Winter sleep
- 6) \_\_\_\_\_ : 1 day : : revolution : 365 ¼ days
- 7) largest gaseous planet : Jupiter        : : Second largest gaseous planet : \_\_\_\_\_
- 8) Breeze from land to sea : \_\_\_\_\_ : : breeze from sea to land : sea breeze
- 9) plants bloom : \_\_\_\_\_ : : plants shed leaves : Autumn
- 10) heavenly bodies moving around sun: Planets : : objects revolving around a planet : \_\_\_\_\_