

## Chapter 1 - Our Earth

Q. 1 . . . . . heavenly body is a star.

- 1) Venus      2) Sun                      3) Earth                      4) Moon

Q. 2 . . . . . is a dwarf planet.

- 1) Pluto                      2) Uranus                      3) Neptune                      4) Earth

Q. 3 Which of the following process/event occurs due to gravitational force.

- 1) Fruit falling from a tree                      2) Rain falling from sky  
3) Loosing of cricket ball from the height      4) All of the above

Q. 4 Who is the first Indian astronaut to go into space.

- 1) Nil Armstrong      2) Rakesh Sharma      3) Kalpana Chawala      4) Gregorian

Q. 5 Identify incorrect pair of the following

- |                    |        |         |
|--------------------|--------|---------|
| 1) Kalpana Chawala | —————→ | Haryana |
| 2) Sunita Vilyams  | —————→ | America |
| 3) Rakesh Sharma   | —————→ | Punjab  |
| 4) Nil Armanstrong | —————→ | Russia  |

Q. 6 Asteroids are found in between the planets Mark & . . . . .

- 1) Mercury      2) Jupiter      3) Venus      4) Saturn

Q. 7 Which is the nearest planet to the earth ?

- 1) Mars                      2) Mercury      3) Venus                      4) Moon

Q. 8 Which is the nearest planet to the Sun ?

- 1) Mars                      2) Mercury      3) Jupiter                      4) Venus

Q. 9 . . . . . is the heavenly body nearer to the earth.

- 1) Mars                      2) Mercury      3) Moon                      4) Venus

Q. 10 Which is the largest planet in its size from our solar system ?

- 1) Earth                      2) Mars                      3) Jupiter                      4) Saturn

Q 11 When did India launched the Mangalyan in Space ?

- 1) 5<sup>th</sup> November, 2013      2) 28<sup>th</sup> February, 2013  
3) 16<sup>th</sup> September, 2013      4) 21<sup>st</sup> August, 2013

Q. 12 Who is the first astronaut to go into space.

- 1) Nil Armstrong    2) Rakesh Sharma    3) Kalpana Chawala    4) Gregorian

Q. 13 Which planet do not have any moon/satellite

- 1) Mercury      2) Venus      3) Saturn      4) Opt. 1 & 2

Q. 14 Find the incorrect pair.

1)	Mars	—————→	Red planet
2)	Venus	—————→	Morning star
3)	Saturn	—————→	Having a ring
4)	Mercury	—————→	Nearest planet to us

Q. 15 There is aring around \_\_\_\_\_ planet.

- 1) Mars      2) Mercury      3) Venus      4) Saturn

Q. 16 . . . . . is the planet having a life.

- 1) Earth      2) Mars      3) Jupiter      4) Moon

**Ans.**    1) 2    2) 1    3) 4    4) 2    5) 4    6) 2    7) 3    8) 2  
          9) 3    10) 3    11) 1    12) 1    13) 4    14) 4    15) 4    16) 1

## Chapter 2 – Earth Around

1) The motion of the earth around itself is called \_\_\_\_\_ .

- 1) Revolution    2) Rotation    3) Mobile    4) Lunar month

2) The motion of the earth around the sun is called \_\_\_\_\_ .

- 1) Revolution    2) Rotation    3) Leap year    4) Lunar month

3) The phase of the moon from New moon to the full moon day is called \_\_\_\_\_ .

- 1) Krushnapaksha    2) Shukla Paksha    3) Lunar month    4) Sunrise

4) The phases of the moon from full moon day to the New Moon day is called \_\_\_\_.

- 1) Krushnapaksha    2) Shukla Paksha    3) Lunar month    4) Sunrise

5) The period of fortnight of waxing moon and waning moon is called \_\_\_\_\_ .

- 1) Full moonday    2) New moonday    3) Lunar month    4) Tithi

- 6) India is in \_\_\_\_\_ hemisphere.  
 1) Northern            2) Southern            3) Eastern            4) Western
- 7) \_\_\_\_\_ country is in southern hemisphere.  
 1) India            2) Shrilanka            3) Australia            4) Japan
- 8) Every day of the lunar is called \_\_\_\_\_ .  
 1) Paksha            2) Season            3) Daily routine            4) Tithi
- 9) The period of revolution of the earth around the sun is \_\_\_\_\_.  
 1) 365 days            2) 365 days 8 hr.            3) 365 days 6 hrs            4) 366ys
- 10) Due to the \_\_\_\_\_ of the moon around the earth we see phases of the moon.  
 1) Revolution            2) Rotation            3) Full moon            4) New moon
- 11) Earth rotates from \_\_\_\_\_ to \_\_\_\_\_ .  
 1) West-East            2) East-West            3) South-North            4) North -South
- 12) In the period from 23 Sept. to 22 March \_\_\_\_\_ season will occur in Austrelia.  
 1) Summer            2) Winter            3) Rainy            4) None of the above
- 13) \_\_\_\_\_ will be the leap year of the following.  
 1) 2019            2) 2017            3) 2016            4) 2018
- 14) Because of \_\_\_\_\_ two equal parts of earth called Northern hemisphere & Southern hemisphere are formed.  
 1)            2)            3) Equator            4) Earth orbit
- 15) In the period from 23 Sept. to 22 March \_\_\_\_ season will be in the New Zealand.  
 1) Summer            2) Winter            3) Rainy            4) None of the above

<b>Ans.</b>	1)	<b>1</b>	2)	<b>2</b>	3)	<b>4</b>	4)	<b>1</b>	5)	<b>3</b>	6)	<b>1</b>	7)	<b>3</b>	8)	<b>4</b>
	9)	<b>1</b>	10)	<b>2</b>	11)	<b>1</b>	12)	<b>1</b>	13)	<b>3</b>	14)	<b>3</b>	15)	<b>1</b>		

### Chapter – 3

- 1) Kangaroos are found only in \_\_\_\_\_ .  
1) South America    2) North America    3) Australia    4) Asia
- 2) \_\_\_\_\_ is the largest continent.  
1) Asia    2) Africa    3) Australia    4) Antartica
- 3) \_\_\_\_\_ is the smallest continent.  
1) Asia    2) Africa    3) Australia    4) Antartica
- 4) About \_\_\_\_\_ part of the earth is covered by water.  
1)  $1/3$     2)  $2/3$     3)  $3/2$     4)  $4/3$
- 5) \_\_\_\_\_ is the smallest waterbody.  
1) River    2) Stream    3) Rills    4) Pond
- 6) The part of the earth covered by water is called \_\_\_\_\_ .  
1) Hydrosphere    2) Lithosphere    3) Atmosphere    4) Continient
- 7) \_\_\_\_\_ is aquatic plant.  
1) Lotus    2)    3) Hydrila    4) All of the above
- 8) The harmful rays come from sun are called \_\_\_\_\_ .  
1) X-ray    2) Ultra vollet    3) Radiations    4) Electric waves
- 9) \_\_\_\_\_ part of the earth covered by land.  
1)  $1/3$     2)  $2/3$     3)  $3/2$     4)  $4/3$
- 10) Zebra is found \_\_\_\_\_ continent.  
1) Asia    2) Africa    3) Europe    4) South America
- 11) The envelope of air around the earth is called as \_\_\_\_\_ .  
1) Lithosphere    2) Atmosphere    3) Hydrosphere    4)
- 12) Living organisms are found in \_\_\_\_\_ envelope.  
1) Lithosphere    2) Atmosphere    3) Hydrosphere    4) All of the above



- 4) Which is the correct food chain of the following  
 1) Grass-Frog-Caterpillars-snake-Eagle    2) Frog-Grass-Caterpillars-Snake-Eagle  
 3) Grass-Caterpillars-Frog-Snake-Eagle    4) Grass-Snake-Frog-Caterpillars-Eagle
- 5) Plants uses \_\_\_\_\_ gas to prepare their food.  
 1) Oxygen            2) Nitrogen            3) Carbon            4) Carbondioxide
- 6) Plants give out \_\_\_\_\_ gas in the atmosphere.  
 1) Carbondioxide    2) Nitrogen            3) Carbon            4) Oxygen
- 7) Several food chains interlinking form a \_\_\_\_\_.  
 1) Food chain    2) Webs            3) Food web            4) Animal web
- 8) Chlorophyll pigment is present in \_\_\_\_\_ part of the plant.  
 1) Roo            2) Leaf            3) Stem            4) Flower
- 9) Which of the following living organism eats only plants.  
 1) Wolf            2) Hens            3) Gava            4) Tiger
- 10) Which of the following organism feeds on herbivores.  
 1) Giraff            2) Deer            3)            4) Rabit

<b>Ans.</b>	1)	<b>1</b>	2)	<b>2</b>	3)	<b>3</b>	4)	<b>3</b>	5)	<b>4</b>	6)	<b>4</b>	7)	<b>3</b>	8)	<b>2</b>
	9)	<b>3</b>	10)	<b>3</b>												

### Chapter – 5

- 1) What will you do , ‘if you see public water taps are running.’  
 1) We will place some banner            2) We will close the running taps  
 3) We will go away from that place    4) None of these
- 2) Which of the following is a right action, ‘when your friend falls down on a road.’  
 1) Call his father            2) Take him to a hospital  
 3) Option 2 is right            4) Option 1 & 2 is right
- 3) ‘Save Girl child’ slogan includes under which of the following values.  
 1) Honesty            2) Tolerance            3) Women –Men equality    4) Intolerance
- 4) \_\_\_\_\_ is the first step in public life.  
 1) Honesty            2) Tolerance            3) Equality            4) Diversity

- 5) What will you do while pulse Polio campaign going on in village.
- 1) \_\_\_\_\_ 2) \_\_\_\_\_  
3) \_\_\_\_\_ 4) \_\_\_\_\_
- 6) What will you do, if you will find 10 rupees on your playground
- 1) I will bring chocolates 2) I will give chocolates to everyone.  
3) I will hand over money to head-master 4) I will keep money with him
- 7) Not to cheat anyone is.
- 1) Honesty 2) Dishonesty 3) Cheating 4) Co-operation
- 8) All family members are discussing together about something. At that time which of the following will you do ?
- 1) I will not to take part in discussion 2) I will increase the volume of T.V.  
3) I will take part in discussion 4) I will listen the discussing only
- 9) What will you do, If a poor boy, in your class falls ill ?
- 1) Give him to eat something 2) Tell a class-teacher  
3) Take care, that he should not be disturbed 4) All of above
- 10) Honesty can increase \_\_\_\_\_ in public life.
- 1) Efficiency 2) Strength 3) Sincere 4) Reliance
- 11) Honesty is our \_\_\_\_\_.
- 1) Strength 2) Dishonest 3) Superiority 4) Rude
- 12) \_\_\_\_\_ has a special significance in our country.
- 1) Tolerance 2) Honesty 3) Friendship 4) Co-operation
- 13) In the game we often observe, more the \_\_\_\_\_ with one another in the players, greater the performance.
- 1) Friendship 2) Competition 3) Audience 4) Co-operation

<b>Ans.</b>	1)	<b>2</b>	2)	<b>4</b>	3)	<b>3</b>	4)	<b>2</b>	5)	<b>4</b>	6)	<b>3</b>	7)	<b>1</b>	8)	<b>3</b>
	9)	<b>4</b>	10)	<b>1</b>	11)	<b>1</b>	12)	<b>1</b>	13)	<b>4</b>						





## Chapter - 7

- 1) If we turn a blind eye toward problems it makes them \_\_\_\_\_ .
  - 1) Worse
  - 2) Handy
  - 3) Easy
  - 4) All of above
- 2) It is important to identify the \_\_\_\_\_ of surrounding .
  - 1) Problem
  - 2) Need
  - 3) Dispute
  - 4) All of above
- 3) The problems faced by people in villages can be called \_\_\_\_\_ .
  - 1) Problem/issues in civic life
  - 2) Need of civic life
  - 3) Personal problem
  - 4) Personal need
- 4) \_\_\_\_\_ & \_\_\_\_\_ solves disputes.
  - 1) Communication
  - 2) Discussion
  - 3) Compromise
  - 4) Opt. 1 & 2
- 5) From \_\_\_\_\_ the Mahatma Gandhi Dispute free village mission implemented in our state.
  - 1) 2008
  - 2) 2007
  - 3) 2009
  - 4) 2005
- 6) Rashtrasant Tukadoji Maharaj explained the importance of cleanliness through his \_\_\_\_
  - 1) Gramgeeta
  - 2) Bhagwatgeeta
  - 3) Cleaning a village
  - 4) Opt. 1 & 2
- 7) Sant Gadgebaba used \_\_\_\_\_ to stress the importance of keeping the village clean.
  - 1) Kirtan
  - 2) Gram Geeta
  - 3) Abhang
  - 4) Powada
- 8) Which of the following Sant told that “ we cannot make progress without cleanliness education and self reliance.”
  - 1) Sant Gadgebaba
  - 2) Sant Tukdoji Maharaj
  - 3) Sant Namdev
  - 4) Option 1 & 2.
- 9) \_\_\_\_\_ has been designated by the United Nation as ‘ International Peace Day.’
  - 1) 21 September
  - 2) 22 September
  - 3) 21 March
  - 4) 21 June
- 10) The headquarter of United Nation is in \_\_\_\_\_ city.
  - 1) New York
  - 2) China
  - 3) Paris
  - 4) India
- 11) Peace is a \_\_\_\_\_ value.
  - 1) Social
  - 2) Political
  - 3) Religious
  - 4) All Option



9) Each child has the right to.

- 1) Learn in House
- 2) Go to class learn
- 3) Go to school & learn
- 4) All of above

10) Which of the following are public services.

- 1) Electricity supply
- 2) Health services
- 3) Education
- 4) All of above

11) For the communication/dialogue between parents & teachers \_\_\_\_\_ is established.

- 1) Parents-Teacher Association
- 2) Reading Room
- 3) Sport day
- 4) NCC

<b>Ans.</b>	1) <b>2</b>	2) <b>3</b>	3) <b>4</b>	4) <b>4</b>	5) <b>3</b>	6) <b>1</b>	7) <b>4</b>	8) <b>1</b>
	9) <b>3</b>	10) <b>4</b>	11) <b>1</b>					

### Chapter – 9 Graphs.

1) What is mean by the symbol PO

- 1) Post office
- 2) Harbor
- 3) Fort
- 4) Spring

2) The institute ‘Survey of India’ was established in \_\_\_\_\_ .

- 1) 1964
- 2) 1965
- 3) 1764
- 4) 1767

3) The institute’s headquarters are in \_\_\_\_\_ .

- 1) Mumbai
- 2) Delhi
- 3) Deharadun
- 4) Calcutta

4) When there is less distance between the contour lines the slope is \_\_\_\_\_ .

- 1) Sloop/gentle
- 2) Steep
- 3) Less
- 4) High

5) In the ancient time maps were mainly used in \_\_\_\_\_ .

- 1) Tourism
- 2) Study
- 3) Knowledge
- 4) Wars

6) What idea we get with the help of contour line method.

- 1) To understand the slope of the land
- 2) Slope the region
- 3) Height of different places
- 4) All of above

7) A line which joins the places of the same height is called \_\_\_\_\_ .

- 1)
- 2)
- 3)
- 4)

8) Which of the following is not a symbol.

- 1) Point                      2) Line                      3) Fort                      4) Triangle

9) Which is the map making institute in India.

- 1) India Map making institute                      2) Survey of India  
3) Indian weather institute                      4) Indian Air




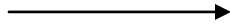

10) Which is the symbol for well

- 1) +                      2) Symbol ●                      3) =                      4) All of above

11) Which is not a land form of the following.

- 1) Mountains                      2) Valley                      3) Ground                      4) Sea

12) Identify the incorrect pair

1)	Spring		Haryana
2)	Reserved forest		RP
3)	Fort		
4)	Railway		

<b>Ans.</b>	1) 1	2) 4	3) 3	4) 2	5) 4	6) 4	7) 1	8) 3
	9) 2	10) 2	11) 4	12) 2				

## Chapter 10 –

1) Indian \_\_\_\_\_ border is made from lofty Himalaya ranges.

- 1) Northern                      2) Southern                      3) Western                      4) Eastern

2) What is the rank of Maharashtra in India according to its area ?

- 1) First                      2) Second                      3) Third                      4) Seventh

3) The highest mountain crest in Maharashtra falls in \_\_\_\_\_ district.

- 1) Pune                      2) Nandurbar                      3) Mumbai                      4) Ahmednagar

4) Which of the following are the islands of Bay of Bengal.

- 1) Laccadive                      2) Andaman & Nicobar  
3) Daman                      4) Dadara

5) Which of the following is the main river of Maharashtra ?

- 1) Godawari                      2) Tapi                      3) Ganga                      4) Krishna

6) Dispur city is located in \_\_\_\_\_ state.

- 1) Assam                      2) Tripura                      3) Meghalaya                      4) Manipur

7) \_\_\_\_\_ district is famous for the production of oranges.

- 1) Thane                      2) Ahmednagar                      3) Nagpur                      4) Amrawati

8) \_\_\_\_\_ is the capital of India.

- 1) New Delhi                      2) Mumbai                      3) Srinagar                      4) Chandigarh

9) In which of the following state flows river Kaveri.

- 1) Karnatka                      2) Maharashtra                      3) Punjab                      4) Assam

10) Which is the world famous lake in Maharashtra.

- 1) Daal                      2) Chilka                      3) Sambar                      4) Lonar

11) The newly formed state in 2014 is

- 1) Vidarbha                      2) Telengana                      3) Mumbai                      4) Marathwada

12) Identify the correct pair.

1)	Assam	—————→	Clove
2)	Coffee	—————→	Kerala
3)	Mango	—————→	Nagpur
4)	Orange	—————→	Ratnagiri

13) In India we find camel mostly in \_\_\_\_\_ .

- 1) Bihar                      2) Rajasthan                      3) Maharashtra                      4) Chhattisgarh

14) Name the capital of the state which is largest according to its area.

- 1) Mumbai                      2) Bhopal                      3) Jaipur                      4) Itanagar

<b>Ans.</b>	1) <b>1</b>	2) <b>3</b>	3) <b>4</b>	4) <b>2</b>	5) <b>1</b>	6) <b>1</b>	7) <b>3</b>	8) <b>1</b>
	9) <b>4</b>	10) <b>4</b>	11) <b>2</b>	12) <b>2</b>	13) <b>2</b>	14) <b>3</b>		





- 14) Beetroot is a \_\_\_\_\_ part of plant.  
 1) Root                      2) Stem                      3) Leaf                      4) Flower

<b>Ans.</b>	1) <b>1</b>	2) <b>1</b>	3) <b>3</b>	4) <b>4</b>	5) <b>2</b>	6) <b>1</b>	7) <b>3</b>	8) <b>3</b>
	9) <b>1</b>	10) <b>3</b>	11) <b>1</b>	12) <b>4</b>	13) <b>3</b>	14) <b>2</b>		

### Chapter – 13

- 1) Which of following food substance can't be preserved for a whole year.  
 1) Pickle                      2) Muramba                      3) Spices                      4) Eggs
- 2) A fungus is a type of \_\_\_\_\_ .  
 1) Microorganism                      2) Virus                      3) Summer                      4) Kharif
- 3) Where is the favourable condition for the growth of fungus ?  
 1) Food                      2) Water                      3) Air                      4) All of above
- 4) Which food substances we boil for its preservation ?  
 1) Muramba                      2) Milk                      3) Juice                      4) Vegetables
- 5) Which of the following is not a food preservative ?  
 1) Edible oil                      2) Milk                      3) Vinegar                      4) Salt
- 6) Which of the following substance we store by drying.  
 1) Dal                      2) Fishes                      3) Vegetable                      4) Pickle
- 7) After drying \_\_\_\_\_ looses from it.  
 1) Air                      2) Water                      3) Germs                      4) Humidity
- 8) Spices clove is obtained from the \_\_\_\_\_ part of the plant.  
 1) Flower                      2) Leaves                      3) Fruit                      4)
- 9) Foodstuffs remain good in \_\_\_\_\_ season.  
 1) Winter                      2) Summer                      3) Rainy                      4) Winter & rainy
- 10) What is the temperature of refrigerator ?  
 1) 10°C                      2) 5°C                      3) 14°C                      4) 8°C
- 11) Find odd man out  
 1) Boric acid                      2) Citric acid                      3) Vinegar                      4) Mustard







8) Playing \_\_\_\_\_ games increases the physical fitness.

- 1) Outdoor                      2) Computer                      3) Mobile                      4) Internet

<b>Ans.</b>	1)	<b>2</b>	2)	<b>1</b>	3)	<b>4</b>	4)	<b>3</b>	5)	<b>1</b>	6)	<b>2</b>	7)	<b>4</b>	8)	<b>1</b>
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## Chapter 16 – Water

1) Evaporation of water \_\_\_\_\_ the water level of different water bodies.

- 1) Decreases                      2) Increases                      3) Remains same                      4) Decrease – Increase

2) Due to \_\_\_\_\_ water gets converted into water vapours.

- 1) Condensation                      2) Evaporation                      3) Neutralization                      4) Melting

3) Which of the following process does not take place in water purification center ?

- 1) Settling                      2) Filtration                      3) Chlorination                      4) Storing

4) How many states of water are there ?

- 1) 1                      2) 2                      3) 3                      4) 4

5) \_\_\_\_\_ is mixed in water to kill the germs in it.

- 1) Chlorine                      2) Fluorine                      3) Salt                      4) Acid

6) \_\_\_\_\_ is the solid state of water.

- 1) Liquid water                      2) Steam water                      3) Ice                      4) Ice cream

7) What happens when we snag water ?

- 1) Water percolates in soil                      2) Ground water storage increases  
3) Get water to trees & well                      4) All are correct.

8) Who finds solution to available water after rainy season?

- 1) Farmer                      2) Government                      3) Citizens                      4) Opt. 2 & 3

9) In which period rain water gets available for us.

- 1) Whole year                      2) Four months of rainy season  
3) June, July                      4) June, July and August.



- 11) Patola, Narayanpeth, Maisoor silk are the types of \_\_\_\_\_ .  
1) Himroo shawl      2) Chadar      3) Sarree      4) Paithani

<b>Ans.</b>	1) 3	2) 1	3) 2	4) 4	5) 4	6) 1	7) 3	8) 3
	9) 2	10) 4	11) 3					

## Chapter 18 – Environment and we

- 1) The area reserved for biodiversity conservation is called as \_\_\_\_\_ .  
1) National Park      2) Sanctuaries      3) Biodiversity Park      4) Biodiversity house
- 2) \_\_\_\_\_ state has many Devrais.  
1) Madhya Pradesh      2) Maharashtra      3) Gujarat      4) West Bengal
- 3) In \_\_\_\_\_ state Devrais are known as sharanvan.  
1) Madhya Pradesh      2) Orissa      3) Karnataka      4) Kerala
- 4) ‘ \_\_\_\_\_ ’ means ‘the jungle reserved for Good’ is the belief of people of that area.  
1) Sanctuaries      2) Sharanvane      3) Biodiversity park      4) Devrai park
- 5) The biggest Maldhok Sanctuary is in \_\_\_\_\_ country.  
1) Japan      2) India      3) Shri Lanka      4) Pakistan
- 6) Mayani lake is formed due to dam built on the chand river in \_\_\_\_\_ district of Maharashtra.  
1) Sindhudurga      2) Kolhapur      3) Ahmednagar      4) Satara
- 7) Identify the wrong option about Maldhok  
1) Birds live in open grassland      2) Feed on insects  
3) Give protection to crop & friends of farmer      4) Found in humid atmosphere
- 8) Morachi Chincholi is famous for \_\_\_\_\_ population.  
1) Maldhok      2) Peacock      3) Flemings      4) Deer
- 9) Find odd man out.  
1) Horse      2) Stone      3) Water      4) Pen

- 10) \_\_\_\_\_ is used in large quantity industries.  
 1) Petrol                      2) Fuel                      3) Diesel                      4) Carbon dioxide
- 11) \_\_\_\_\_ birds migrate from the Siberia region in northern Asia to Mayani.  
 1) Flamingos                      2) Duck                      3) Rohit                      4)

<b>Ans.</b>	1) <b>3</b>	2) <b>2</b>	3) <b>1</b>	4) <b>4</b>	5) <b>2</b>	6) <b>4</b>	7) <b>4</b>	8) <b>4</b>
	9) <b>4</b>	10) <b>2</b>	11) <b>3</b>					

## Chapter 19 – Food Item

- 1) \_\_\_\_\_ are important in our body building.  
 1) Carbohydrate                      2) Fats                      3) Minerals                      4) Proteins
- 2) We get energy fom \_\_\_\_\_ .  
 1) Carbohydrate                      2) Fat                      3) Opt. 1 & 2                      4) Proteins
- 3) Different cereals, sago, potato contain \_\_\_\_\_ .  
 1) Carbohydrate                      2) Fats                      3) Starch                      4) All of above
- 4) Starch, sugar, & fibre are called together \_\_\_\_\_ .  
 1) Carbohydrate                      2) Vitamins                      3) Salt                      4) Proteins
- 5) A diet containing required food constituent for life is called \_\_\_\_\_ .  
 1) Balanced diet                      2) Meal                      3) Diet                      4) Nutrition
- 6) Which of the following is not made from proteins ?  
 1) Bones                      2) Skin                      3) Kidney                      4) Hair
- 7) Fats gives \_\_\_\_\_ as much energy as carbohydrate.  
 1) Twice                      2) Quadruple                      3) Half                      4) Treble
- 8) \_\_\_\_\_ sugar is present in milk.  
 1) Sucrose                      2) Lactose                      3) Fructose                      4) Nitrose
- 9) Which of the following mineral is essential for the body.  
 1) Iron                      2) Nitrogen                      3) Oxygen                      4) Phosphorus

- 10) The mineral \_\_\_\_\_ makes our bones strong.  
 1) Iron                                      2) Calcium                                      3) Sodium                                      4) Potassium
- 11) Deficiency of vitamin \_\_\_\_\_ results in night blindness.  
 1) A    2) B    3) D    4) C
- 12) Find odd man out  
 1) Cream of milk                                      2) Butter                                      3) Ghee                                      4) Dal

<b>Ans.</b>	1) <b>4</b>	2) <b>3</b>	3) <b>4</b>	4) <b>1</b>	5) <b>3</b>	6) <b>3</b>	7) <b>1</b>	8) <b>2</b>
	9) <b>1</b>	10) <b>2</b>	11) <b>1</b>	12) <b>4</b>				

### Chapter 20 – Our world

- 1) As man is able to think, he is also \_\_\_\_\_ .  
 1) Touching                                      2) Emotional                                      3)    4) Angry
- 2) We must help each other to eliminate \_\_\_\_\_ in ourselves.  
 1) Shortcomings                                      2) Anger                                      3) Consideration                                      4) Emotions
- 3) If we cannot control our \_\_\_\_\_ we become short tempered and stubborn.  
 1) Joy    2) Sorrow                                      3) Anger    4) Emotions
- 4) Our abilities and liking are \_\_\_\_\_ .  
 1) Distinct                                      2) Same                                      3) Opposite                                      4) All of above
- 5) \_\_\_\_\_ emotions can control by.  
 1) Joy    2) Anger                                      3) Nature                                      4) Thought
- 6) Our personality becomes balanced when we learn to cope our \_\_\_\_\_, our personality becomes balanced.  
 1) Thinking                                      2) Emotions                                      3) Nature                                      4) Joy
- 7) Find odd man out.  
 1) Joy    2) Thought                                      3) Jealousy                                      4) Sorrow
- 8) Due to \_\_\_\_\_ we get happiness.  
 1) Anger    2) Emotional adjustment                                      3) Balanced personality                                      4) Thought & emotions

<b>Ans.</b>	1) <b>2</b>	2) <b>1</b>	3) <b>3</b>	4) <b>4</b>	5) <b>4</b>	6) <b>2</b>	7) <b>2</b>	8) <b>3</b>
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## Chapter 21 – Our Busy Muscles

- 1) A bag like organ in digestive system is called as \_\_\_\_\_ .  
 1) Esophagus                      2) Small intestine                      3) Stomach                      4) Large intestine
- 2) Which intestine is longer.  
 1) Small intestine                      2) Large intestine                      3) Pancreas                      4) Meddle intestine
- 3) The small intestine of an adult is about \_\_\_\_\_ metres long.  
 1) 1 ½                      2) 3                      3) 4                      4) 7
- 4) Between thoracic cavity and the abdominal cavity there is an organ like a flexible sheet is called \_\_\_\_\_ .  
 1) Respiratory tract                      2) Diaphragm                      3) Alveoli                      4) Exhalation
- 5) \_\_\_\_\_ is the hardest substance in our body.  
 1) Enamel                      2) Bone                      3) Ribs                      4) Teeth
- 6) Find odd man out .  
 1) Mouth                      2) Esophagus                      3) Diaphragm                      4) Stomach
- 7) The process of keeping the blood flowing through all the parts of the body is called \_\_\_\_\_.  
 1) Digestion                      2) Blood circulation                      3) Nerve fibre                      4) Respiration
- 8) Maintaining the co-ordination in different parts of the body is the function of \_\_\_\_\_.  
 1) Brain                      2) Heart                      3) Lungs                      4) Stomach
- 9) The brain and the network of nerves together is called as \_\_\_\_\_.  
 1) Digestive system                      2) Circulatory system                      3) Respiratory                      4) Nervous system
- 10) If one keeps drinking alcohol for a long period it affects \_\_\_\_\_.  
 1) Nervous system                      2) Digestive system                      3) Circulatory system                      4) Opt. 1 & 2.
- 11) Find incorrect pair

1)	Lungs	—————→	Respiratory system
2)	Stomach	—————→	Skeletal system
3)	Heart	—————→	Circulatory system
4)	Brain	—————→	Nervous system



- 12) Which of following system gives support to the body ?  
 1) Respiratory system    2) Circulatory    3) Skeletal    4) Nervous system
- 13) Digestion starts from \_\_\_\_\_ .  
 1) Mouth                      2) Esophagus    3) Stomach            4) Small intestine
- 14) \_\_\_\_\_ is the internal organ of the skull.  
 1) Brain                      2) Heart            3) Lungs              4) Stomach
- 15) Which internal organ is located in the thoracic cavity ?  
 1) Heart                      2) Brain            3) Lungs              4) Opt. 1 & 3.

<b>Ans.</b>	1) 3	2) 1	3) 4	4) 2	5) 1	6) 3	7) 2	8) 2
	9) 4	10) 4	11) 2	12) 3	13) 1	14) 1	15) 4	

## Chapter 22 – Development of Personality

- 1) As we grow, our \_\_\_\_\_ increases.  
 1) Weight                      2) Height            3) Disease            4) Opt. 1 & 2.
- 2) Being born with certain features or traits is common with  
 1) Heredity                      2) Disease            3) Skill                4) Personality
- 3) The ability of learning many skills comes form \_\_\_\_\_ .  
 1) Heredity                      2) Education        3) Practice            4) All
- 4) Along with nutritious food, adequate \_\_\_\_\_ is also necessary for growth & development.  
 1) Education                      2) Exercise        3) Art                  4) Games
- 5) The physical & mental progress of a person is called as \_\_\_\_\_ .  
 1) Education                      2) Development    3) Exercise            4) All of above
- 6) With the help of \_\_\_\_\_ we can live an independent useful & enriching life.  
 1) Heredity                      2) Skill              3) Friend              4) All

<b>Ans.</b>	1) 4	2) 1	3) 2	4) 4	5) 2	6) 2
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## Chapter 23 – संसर्गजन्य रोग आणि रोगप्रतिबंध

- 1) \_\_\_\_\_ is not an epidemic disease.  
1) Typhoid                      2) Jaundice      3) Cholera                      4) Diphtheria
- 2) \_\_\_\_\_ is not intestinal disease.  
1) Typhoid                      2) Tuberculosis      3) diarrhoea                      4) Cholera
- 3) Find odd man out.  
1) Jaundice                      2) Polio                      3) Flue                      4) Diarrhoea
- 4) Jaundice, Typhoid, Cholera, Diarrhoea spreads through \_\_\_\_\_.  
1) Air                      2) Water                      3) Insects                      4) Anger of God
- 5) Eating of ice candy made from contaminated water causes \_\_\_\_\_ disease.  
1) Tuberculosis                      2) Gastro                      3) Cough                      4) Pneumonia
- 6) Patient of \_\_\_\_\_ are suggested not to spit anywhere.  
1) Tuberculosis                      2) Jaundice                      3) Typhoid                      4) Cholera
- 7) \_\_\_\_\_ do not spread through air.  
1) Dengue                      2) Tuberculosis      3) Diphtheria                      4) Cold
- 8) Ring worm, scabies \_\_\_\_\_.  
1) Spread through water                      2) Spread through air  
3) Contact                      4) Spread through insects.
- 9) Which of the following disease does not get spread through mosquito.  
1) Flue                      2) Dengue                      3) Chickengunia      4) Cholera
- 10) \_\_\_\_\_ disease spread through mosquito.  
1) Malaria                      2) Elephantiasis      3) Dengue                      4) All of above
- 11) Which of the following insect does not spread disease.  
1) Housefly                      2) Fleas                      3) Bed bug                      4) Mosquito
- 12) The bite of female Anopheles causes \_\_\_\_\_ disease.  
1) Flue                      2) Dengue                      3) Chickengunia      4) Elephantiasis



## विज्ञान जिज्ञासा

१. मानवी शरीरात एकूण हाडे किती? = २०६
२. मानवी शरीरातील सर्वात मोठे हाड कोणते? = मांडीचे हाड
३. मानवी शरीरातील सर्वात लहान हाड कोणते? = मानात असलेले स्टेपी नावाचे हाड
४. मानवी शरीरात किती स्नायू असतात? = ६३९
५. शरीरातील सर्वात मजबूत स्नायू ऊती कोठे आहेत? = जीभ
६. आपल्या शरीरात किती बरगडया असतात? = २४
७. मेंदू हा शरीरातील महत्वाचा भाग आहे. प्रौढ व्यक्तीमध्ये मेंदूचे वजन किती असते? = साधारण १४०० ग्रॅम
८. आपल्या शरीराचे सर्वसाधारण तापमान किती असते? = निरोगी व्यक्तीमध्ये ३७°C
९. प्रौढ व्यक्तीच्या फुफ्फुसात साधारणपणे किती हवा मावते? = ५ लिटर
१०. माणसाच्या हाताच्या बोटाची नखे वर्षभरात किती वाढतात? = साधारणपणे ४ सेंमी
११. सामान्य प्रौढ व्यक्ती एका मिनिटाला किती वेळा श्वासोच्छ्वास करते? = १५ वेळा
१२. आपल्या जठरात कोणते आम्ल असते? = हायड्रोक्लोरिक आम्ल
१३. सर्वसाधारण व्यक्तीचा रक्तदाब किती असतो? = १२०/८० मिमी
१४. निरोगी व्यक्तीच्या रक्तात साधारण किती साखर असते? = १०० मिली
१५. कावीळ या रोगात कोणत्या अवयवावर परिणाम होतो? = यकृत
१६. कॉफीतील कोणत्या द्रव्याने मेंदूस उत्तेजना मिळते? = कॉफिन
१७. प्रत्येक व्यक्तीमध्ये असेलच असे नाही असा शरीराचा भाग कोणता? = अक्कलदाढ
१८. ओस्टिओलॉजी म्हणजे काय? = अस्थिरोग चिकित्सा शास्त्र हाडाचा अभ्यास करणारे शास्त्र
१९. फ्रेनॉलॉजी म्हणजे काय? = मानवी मेंदू व कवटीची रचना यांचा अभ्यास करणारे शास्त्र
२०. पॅथॉलॉजी म्हणजे काय? = रोगनिदान शास्त्र
२१. कार्डिओलॉजी म्हणजे काय? = हृदय चिकित्सा शास्त्र
२२. ऑर्थोल्मॉलॉजी म्हणजे काय? = नेत्ररोग चिकित्सा शास्त्र
२३. मज्जातंतूचा अभ्यास करणा-या शाखेला काय म्हणतात? = न्यूरॉलॉजी
२४. विषाणू व त्यांनी होणा-या रोगांचा अभ्यास कोणत्या शाखेत केला जातो? = व्हायरॉलॉजी
२५. रक्तदाब मोजण्यासाठी डॉक्टर कोणत्या उपकरणाचा उपयोग करतात? = स्पिंगनोमॅनोमीटर
२६. क्ष-किरण छायाचित्र काढणा-या तज्ज्ञाला काय म्हणतात? = रेडिओलॉजिस्ट
२७. शस्त्रक्रिया करण्यासाठी रोग्याला भूल घावी लागते. हे काम एक तज्ज्ञ करित असतो. त्याला काय म्हणतात? = अ‍ॅनस्थेसिस्ट
२८. आतापर्यंत माहित झालेल्या जीवनसत्वांची नांवे काय आहे = ए, बी, सी, डी, ई आणि के
२९. जीवनसत्वाला इंग्रजीत विटॅमिन्स असे म्हणतात. हा शब्द सर्वप्रथम कोणी वापरला? = डॉ. कासीमीर फुन्क हे पोलिश रसायनशास्त्रज्ञ होते.
३०. जीवनसत्वांपैकी कोणती जीवनसत्वे पाण्यात विरघळतात? = बी आणि सी जीवनसत्त्वे

३१. रांताधळेपणा म्हणजे मंद उजेडात नीट न दिसणे. हा विकार कोणत्या जीवनसत्त्वाच्या अभावी होतो?  
= जीवनसत्त्व ए
३२. सी जीवनसत्त्व शरीरात कमी पडले तर कोणता आजार होतो? = स्कर्व्ही
३३. रक्त गोठण्याच्या क्रि येस मदत करणारे जीवनसत्त्व कोणते? = के जीवनसत्त्व
३४. तंबाखूच्या सेवनाने कोणता दुर्दम्य रोग होतो? = कर्करोग
३५. इ.सी.जी. म्हणजे काय? = इलेक्ट्रोकार्डिओग्राम
३६. जमिनीवर वावरणारा सर्वात मोठा प्राणी कोणता? = हत्ती
३७. सर्वात मोठा पक्षी कोणता? = शहामृग
३८. पेंग्विन हा पक्षी कुठे आढळतो? = दक्षिण ध्रुवीय प्रदेशात म्हणजे अंटार्क्टिक खंडाच्या किनारपट्टीवर
३९. गोम या प्राण्याला किती पाय असतात? = १५-२३ पायांच्या जोड्या
४०. विषारी सापांपैकी कोणत्या जातीचे साप भारतभर आढळतात? = मण्यार, नाग, घोणस, फुरसे
४१. भारतात आढळणारा मोठा, बिनविषारी साप कोणता? = अजगर
४२. भारतात आढळणारा मोठा, विषारी साप कोणता? = मण्यार
४३. सर्वात उत्कृष्ट श्रवण क्षमता कोणत्या प्राण्यांची आहे? = वटवाघूळ
४४. लिंबाच्या रसात कोणत आम्ल असते? = सायट्रिक आम्ल
४५. चिंचेच्या रसात कोणते आम्ल असते? = टार्टारिक आम्ल

### ➤ World Day Information

- |     |              |                          |
|-----|--------------|--------------------------|
| 1.  | 22 March     | World Water Day          |
| 2.  | 21 March     | World Forest Day         |
| 3.  | 23 March     | World Metrological Day   |
| 4.  | 24 March     | World TB Day             |
| 5.  | 7 April      | World Health Day         |
| 6.  | 22 April     | World Earth Day          |
| 7.  | 3 May        | International Energy Day |
| 8.  | 11 May       | National Technology Day  |
| 9.  | 5 June       | World Environment Day    |
| 10. | 16 September | World Ozone Day          |
| 11. | 14 November  | World Diabetics Day      |
| 12. | 1 December   | World Aids Day           |
| 13. | 31 May       | World No Tobacco Day     |
| 14. | 10 January   | World Laughter Day       |
| 15. | 4 February   | World Cancer Day         |

## Table : National Days

1.	28 February	National Science Day
2.	20 August	National Akshay Urja Day
3.	14 November	राष्ट्रीय जैव तंत्रज्ञान दिन
4.	5 April	Maritime Day
5.	29 February	Vyasan Mukti Day
6.	12 January	National Youth Day
7.	15 January	Army Day
8.	23 December	Kisaan Diwas/ Farmers Day
9.	29 June	National Statistics Day
10.	25 December	Bharat Jodo Day

## Vaccine of Child

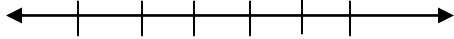
Age	Vaccine
At birth	BCG, Hepatize B (First)
1 & half months	Triple , Polio, Hepatize B (second)
2 & half months	Triple , Polio
3 & half months	Triple , Polio, Hepatize B (third)
Nine months	Measles, Vitamin A
1 year 6 months	D.T.P., Polio, Vitamin A
2 year	Vitamin A
2 year 6 months	Vitamin A
3 years	Vitamin A
3 year 6 months	Vitamin A
4 year	Vitamin A
4 year 6 months	Vitamin A
5 years	D.T., Vitamin A

## Vitamin

Vitamin	Deficiency disease	Food source
A	Night blindness	Liver, orange, vegetables, carrots, pumpkin, fish, milk
B	Beriberi Wernicke	Dal, vegetables, liver, milk
C	Megadosage	Fruits, and vegetables
D	Richets and Osteomalacia	Liver, mushrooms, fish, eggs

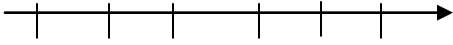
आकृत्यावरील प्रश्न

1) Count the line in the given figure.



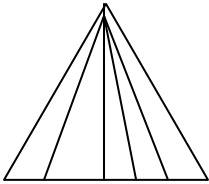
- 1) 6                      2) 7                      3) 1                      4) 5

2) Count the number of Ray in the given figure.



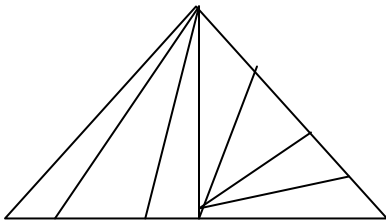
- 1) 21                      2) 15                      3) 5                      4) 6

3) Calculate the total number of triangles from the Adjoining figures.



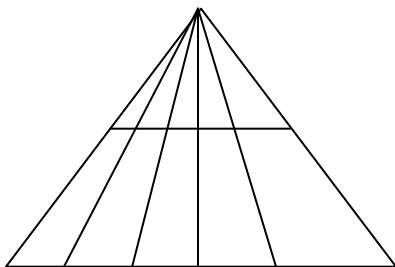
- 1) 6                      2) 21                      3) 15                      4)

4) Calculate the total number of triangles from the Adjoining figures.



- 1) 20                      2) 19                      3) 28                      4) 2

5) Calculate the total number of triangles from the Adjoining figures.

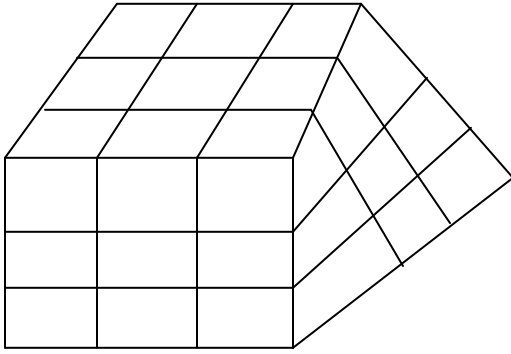


- 1) 15                      2) 30                      3) 6                      4)



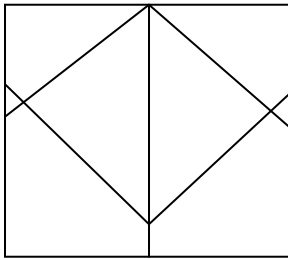


12) Count the number of cubes in given figure.



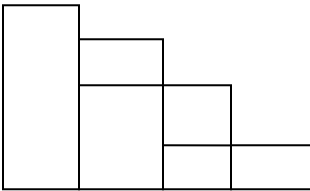
- 1) 27                      2) 18                      3) 21                      4) 24

13) count the number of square in the given figure.



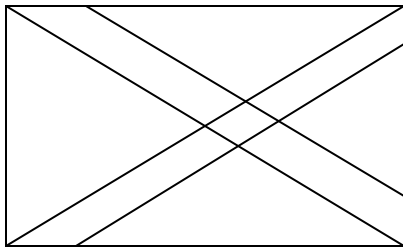
- 1) 0                              2) 1                              3) 2                              4) 3

14) Count the number of Rectangular in the given figure



- 1) 12                              2) 11                              3) 09                              4) 06

15) Calculate the total number of triangles from the Adjoining figures.



- 1) 9                                      2) 22                                      3) 14                                      4) 16

**Ans.**    1) 3   2) 4   3) 3   4) 2   5) 2   6) 2   7) 1   8) 1  
           9) 3   10) 1   11) 4   12) 1   13) 3   14) 2   15) 3

क्रमाने येणारे पद ओळखा

1) 1, 12, 19, ? , 39

1) 29

2) 28

3) 26

4) 24

2) 1, 4, 9, 16, 25, ?

1) 35

2) 36

3) 48

4) 49

3) 20, 19, 17, ? , 10, 5

1) 12

2) 13

3) 14

4) 15

4) 1, 6, 13, 22, 33, ?

1) 44

2) 45

3) 46

4) 47

5) 1, 9, 17, 33, 49, 73, ?

1) 97

2) 98

3) 99

4) 100

6) 2, 5, 9, , 20, 27

1) 14

2) 16

3) 24

4) 18

7) 1, 1, 2, 4, 3, 9, 4, ?

1) 10

2) 16

3) 36

4) 20

8)  $2/3, 5/7, 11/13, 23/29, 31/37, ?$

1)  $15/19$

2)  $17/19$

3)  $14/19$

4)  $17/21$

9) 1, 8, 27, ? , 125

1) 64

2) 36

3) 49

4) 50

10) 9, 8, 17, 25, 42, 67, ?

1) 109

2) 115

3) 100

4) 98

11)  $1/2, 3/2, 5/6, 11/30, ?$

1)  $32/47$

2)  $41/330$

3)  $41/33$

4)  $330/41$

12) 2, 3, 5, 7, ?

1) 11

2) 10

3) 09

4) 08

- 13) 0, 3, 8, 15, ?  
1) 19                      2) 24                      3) 23                      4) 21
- 14) 5, 3, 6, 2, 7, 1, ?  
1) 08                      2) 05                      3) 04                      4) 0
- 15) 0, 2, 6, 12, ?, 30, 42  
1) 15                      2) 18                      3) 20                      4) 24
- 16) 7, 13, 19, 29, ?, 43, 47  
1) 35                      2) 37                      3) 39                      4) 41
- 17) 4, 7, 6, 9, 8, 11, 10, 13, ?  
1) 12                      2) 14                      3) 15                      4) 16
- 18) 15, 24, 35, ?, 63, 80  
1) 45                      2) 46                      3) 47                      4) 48
- 19) 125, 64, 27, 8, ?  
1) 6                      2) 5                      3) 4                      4) 1
- 20) 2, 0, 3, 1, 4, 2, ?  
1) 5                      2) 3                      3) 4                      4) 6
- 21) 7, 16, 9, 14, 11, 12, ?  
1) 13                      2) 16                      3) 9                      4) 10
- 22) 2, 3, 5, 8, 13, 21, ?  
1) 32                      2) 28                      3) 34                      4) 27
- 23) 2, 5, 10, 17, 26, ?  
1) 37                      2) 35                      3) 50                      4) 36
- 24) 99, 11, 88, 22, 77, 33, ?  
1) 44                      2) 55                      3) 66                      4) 110
- 25) 0, 7, 26, 63, ?  
1) 80                      2) 124                      3) 99                      4) 120

**Ans.** 1) 2 2) 2 3) 3 4) 3 5) 1 6) 1 7) 2 8) 2  
9) 1 10) 1 11) 2 12) 1 13) 2 14) 1 15) 3 16) 3  
17) 3 18) 4 19) 4 20) 1 21) 1 22) 3 23) 1 24) 3  
25) 2

गटात न बसणारे पद ओळखा.

- |     |          |          |          |          |
|-----|----------|----------|----------|----------|
| 1.  | 1) 6345  | 2) 5464  | 3) 7435  | 4) 7084  |
| 2.  | 1) 8532  | 2) 9327  | 3) 5343  | 4) 2434  |
| 3.  | 1) 13-31 | 2) 45-54 | 3) 16-61 | 4) 71-88 |
| 4.  | 1) 11    | 2) 21    | 3) 31    | 4) 41    |
| 5.  | 1) 1530  | 2) 2652  | 3) 3243  | 4) 3672  |
| 6.  | 1) 47    | 2) 77    | 3) 53    | 4) 67    |
| 7.  | 1) 5840  | 2) 9208  | 3) 5315  | 4) 7321  |
| 8.  | 1) 75    | 2) 80    | 3) 64    | 4) 128   |
| 9.  | 1) 435   | 2) 453   | 3) 345   | 4) 374   |
| 10. | 1) 72    | 2) 60    | 3) 53    | 4) 80    |
| 11. | 1) 36    | 2) 81    | 3) 26    | 4) 45    |
| 12. | 1) 81    | 2) 67    | 3) 90    | 4) 36    |
| 13. | 1) 77    | 2) 44    | 3) 22    | 4) 57    |
| 14. | 1) 105   | 2) 225   | 3) 359   | 4) 485   |
| 15. | 1) 555   | 2) 444   | 3) 333   | 4) 204   |
| 16. | 1) 91    | 2) 81    | 3) 47    | 4) 56    |
| 17. | 1) 16    | 2) 36    | 3) 25    | 4) 35    |
| 18. | 1) 9/5   | 2) 8/3   | 3) 6/2   | 4) 7/4   |
| 19. | 1) 49    | 2) 27    | 3) 216   | 4) 125   |
| 20. | 1) 9182  | 2) 7355  | 3) 4328  | 4) 7184  |
| 21. | 1) 548   | 2) 324   | 3) 936   | 4) 726   |
| 22. | 1) 596   | 2) 687   | 3) 777   | 4) 948   |
| 23. | 1) 72-45 | 2) 51-24 | 3) 46-20 | 4) 32-14 |
| 24. | 1) 17    | 2) 37    | 3) 47    | 4) 57    |

**Ans.** 1) 1 2) 4 3) 4 4) 2 5) 3 6) 2 7) 2 8) 1  
9) 4 10) 3 11) 3 12) 2 13) 4 14) 3 15) 4 16) 3  
17) 4 18) 3 19) 2 20) 4 21) 4 22) 1 23) 3 24) 4

**समसमान संबंध ओळखा.**

1) 6:22 :: 9 : ?

- 1) 24                      2) 22                      3) 27                      4) 31

2) 44 : 344 :: 77 : ?

- 1) 677                      2) 577                      3) 777                      4) 877

3) 245 : 40 :: 352 : ?

- 1) 40                      2) 30                      3) 10                      4) 50

4) 1 : 1 :: 5 : ?

- 1) 18                      2) 35                      3) 125                      4) 50

5) 31 : 37 :: 43 : ?

- 1) 47                      2) 50                      3) 51                      4) 53

6) 408 : 523 :: ? : 875

- 1) 815                      2) 760                      3) 746                      4) 784

7) 2 : 9 :: 4 : ?

- 1) 16                      2) 18                      3) 65                      4) 41

8) 9 : 80 :: 10 : ?

- 1) 101                      2) 99                      3) 100                      4) 98

9) 6 : 24 :: 9 : ?

- 1) 30                      2) 33                      3) 36                      4) 39

10) 4 : 64 :: 5 : ?

- 1) 120                      2) 69                      3) 68                      4) 125

11) 7 : 50 :: 9 : ?

- 1) 81                      2) 57                      3) 59                      4) 82

12)  $7 : 42 :: 9 : ?$

1) 36

2) 63

3) 72

4) 90

13)  $7586 : 6857 :: ? : 4269$

1) 2469

2) 9642

3) 9624

4) 2496

14)  $85 : 98 :: 91 : ?$

1) 99

2) 102

3) 101

4) 119

15)  $7.5 : 5.77 :: ? : 3.44$

1) 4.4

2) 3.3

3) 4.3

4) 3.2

16)  $75 : 35 :: 96 : ?$

1) 110

2) 131

3) 54

4) 69

17)  $35 : 8 :: 43 : ?$

1) 6

2) 9

3) 7

4) 11

18)  $49 : 36 :: 56 : ?$

1) 34

2) 48

3) 44

4) 30

19)  $436 : 643 :: 928 : ?$

1) 829

2) 289

3) 892

4) 982

20)  $94 : 67 :: 35 : ?$

1) 44

2) 28

3) 14

4) 23

21)  $47 : 74 :: 49 : ?$

1) 74

2) 82

3) 94

4) 78

22)  $4 : 20 :: 7 : ?$

1) 56

2) 42

3) 36

4) 49

23)  $2 : 3 :: 5 : ?$

1) 9

2) 8

3) 11

4) 7

24)  $328 : 48 :: 245 : ?$

1) 28

2) 40

3) 36

4) 80

25)  $23 : 25 :: 35 : ?$

1) 64

2) 42

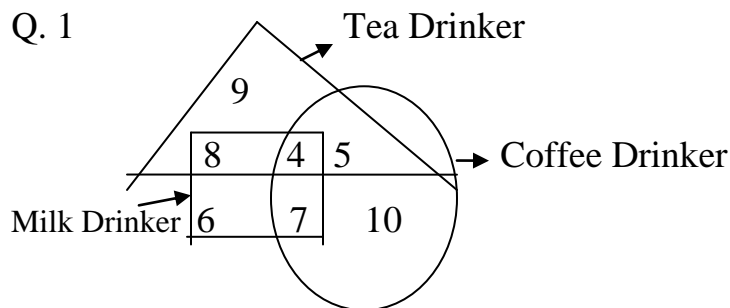
3) 48

4) 56

**Ans.** 1) 4 2) 1 3) 2 4) 3 5) 1 6) 2 7) 3 8) 2  
 9) 3 10) 4 11) 4 12) 3 13) 3 14) 3 15) 3 16) 3  
 17) 3 18) 4 19) 3 20) 21) 3 22) 1 23) 4 24) 2  
 25) 1

### Venn Diagram

Q. 1



1) How many persons take all of three ?

1) 4

2) 25

3) 20

4) 49

2) How many persons who take tea and milk but not coffee ?

1) 15

2) 8

3) 23

4) 12

3) How many persons who drink any two drinks of above figure.

1) 21

2) 20

3) 15

4) 22

4) How many persons are there who take minimum two drink

1) 22

2) 20

3) 24

4) 25

5) How many persons take only one drink

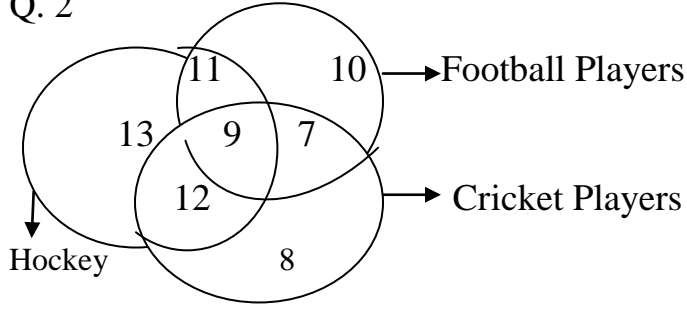
1) 25

2) 20

3) 22

4) 24

Q. 2



1) How many students are play minimum two games ?

- 1) 39                      2) 10                      3) 31                      4) 29

2) How many players are play very good in three games.

- 1) 31                      2) 9                      3) 30                      4) 31

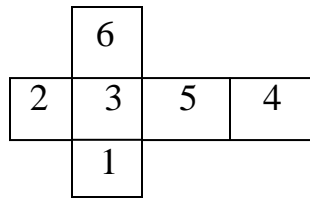
3) How many students who play football and cricket but not hockey ?

- 1) 27                      2) 9                      3) 18                      4) 7

4) How many total number of players are play Cricket and Hockey.

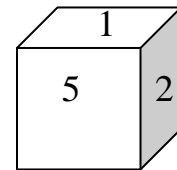
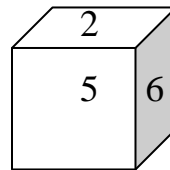
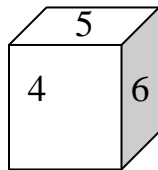
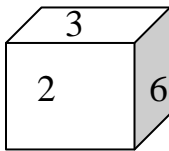
- 1) 12                      2) 19                      3) 21                      4) 28

Q. 3 सोबतची आकृती जोडून घन बनविल्यास ३ च्या विरुद्ध बाजूला काय येईल?



- 1) 6                      2) 4                      3) 5                      4) 1

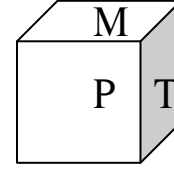
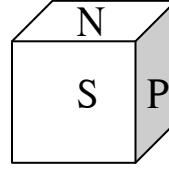
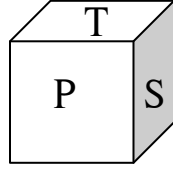
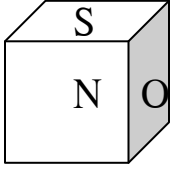
Q. 4 एकाच घनाच्या वेगवेगळ्या अवस्था दाखवणा-या आकृत्या दाखविल्या आहेत यावरून ५ च्या विरुद्ध बाजूला काय येईल ते सांगा.



- 1) 3                      2) 1                      3) 2                      4) 4



Q. 5 एकाच घनाच्या वेगवेगळ्या अवस्था दाखवणा-या आकृत्या दाखविल्या आहेत यावरून O च्या विरुद्ध बाजूला काय येईल ते सांगा.



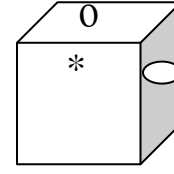
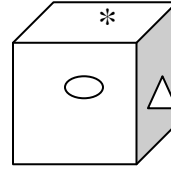
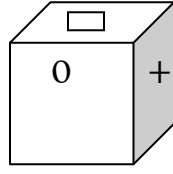
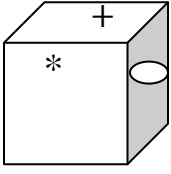
1) S

2) P

3) T

4) M

Q. 6 एकाच घनाच्या वेगवेगळ्या अवस्था दाखवणा-या आकृत्या दाखविल्या आहेत यावरून \* च्या विरुद्ध बाजूला काय येईल ते सांगा.



1) ○

2) 0

3) □

4) +

Ans. Q. 1 1) 1 2) 4 3) 2 4) 3 5) 1  
 Q. 2 1) 1 2) 2 3) 4 4) 3 Q.3 1  
 Q.4 1 Q.5 2 Q.6 3

### मिश्र उदाहरणे

प्र.१ प्राणी संग्रहालयात काही प्राणी व काही पक्षी आहेत. पायांची संख्या ६४ तर डोक्यांची संख्या २२ आहे. तर प्राणी किती?

1) 12 2) 10 3) 14 4) 16

प्र.२ एका शेतक-याकडे काही कोंबड्या व काही बक-या आहेत. पायांची एकूण संख्या ५० तर डोक्यांची संख्या १७ आहे तर कोंबड्यांची संख्या किती?

1) 9 2) 8 3) 12 4) 11

प्र.३ एका परीक्षेत बरोबर उत्तराला ५ गुण तर चुकीच्या उत्तरासाठी २ गुण कमी होतात. राधाने २५ प्रश्न सोडवले व तिला ७६ गुण मिळाले तर तिची किती उत्तरे चुकली?

1) 10 2) 8 3) 9 4) 7

प्र.४ नेमबाजीच्या स्पर्धेत बरोबर नेम मारल्यास ३ गुण मिळतात तर चुकीच्या नेमासाठी १ गुण कमी होतो. साधनाने ३० नेम मारले व तिला ७० गुण मिळाले तर तिने किती नेम बरोबर मारले?

1) 5 2) 7 3) 8 4) 10

- प्र.५ एका भाषेत मगर -३२४, दमन -६५२ तर नरक -४६७ असे लिहितात. तर त्याच भाषेत कमर हा शब्द कसा लिहाल?
- 1) 564                      2) 352                      3) 754                      4) 724
- प्र.६ एका सांकेतिक भाषेत POT-543, MON - 421 तर TSN -165 असे लिहितात. तर त्याच भाषेत SPT हा शब्द कसा लिहाल?
- 1) 635                      2) 326                      3) 543                      4) 123
- प्र.७ १ ते १०० संख्या लिहीताना ५ हा अंक किती वेळा लिहावा लागेल?
- 1) 19                      2) 20                      3) 21                      4) 11
- प्र.८ १ ते १०० मध्ये ० हा अंक किती वेळा येतो?
- 1) 19                      2) 20                      3) 21                      4) 11
- प्र.९ १ ते १०० मध्ये ५ हा अंक असलेल्या संख्या किती?
- 1) 19                      2) 20                      3) 21                      4) 11
- प्र.१० दोन अंकी संख्यांमध्ये १ किती वेळा येतो?
- 1) 21                      2) 20                      3) 19                      4) 18
- प्र.११ ४, ६, ३, ५ हे अंक वापरून एक अंक एकदाच येणा-या एकूण किती चार अंकी संख्या तयार होतील?
- 1) 8                      2) 6                      3) 24                      4) 18
- प्र.१२ ३, ०, ९, ५ हे एक अंक एकदाच वापरून तयार होणा-या किती चार अंकी संख्या या अंकांपासून बनविता येतील?
- 1) 8                      2) 12                      3) 24                      4) 18
- प्र.१३ ३२९७ या संख्येतील सर्व अंकांच्या स्थानिक किंमतीची बेरीज किती?
- 1) 9723                      2) 3927                      3) 2792                      4) 3297
- प्र.१४ २५७६९ या संख्येतील सर्व अंकांच्या स्थानिक व दर्शनी किमतीच्या बेरजेतील फरक किता?.
- 1) 25740                      2) 25000                      3) 25748                      4) 25769
- प्र.१५ ९० मी अंतरावर प्रत्येकी ३ मीटरवर एक याप्रमाणे किती झाडे लावता येतील?
- 1) 30                      2) 29                      3) 32                      4) 31
- प्र.१६ ५६ मी लांबीच्या रस्त्यावर प्रत्येक ४ मीटरवर एक याप्रमाणे दुतर्फा झाडे लावायची असल्यास किती झाडे लावता येतील?
- 1) 28                      2) 14                      3) 30                      4) 1
- प्र.१७ एका रांगेत मिनाचा क्रमांक डावीकडून ३६ व उजवीकडून ५२ आहे. तर रांगेत एकूण किती मुले आहेत?
- 1) 88                      2) 89                      3) 87                      4) 85

प्र.१८ एका रांगेत सोहम मध्यभागी उभा असून त्याचा कमांक ४७ अहे. तर रांगेत एकूण किती मुले आहेत?

- 1) 93      2) 94      3) 95      4) 91

प्र.१९ राधाला ५ काका आहेत. त्यांपैकी एक वकील आहेत तर वकील साहेबांना किती भाऊ असावेत?

- 1) 4      2) 3      3) 5      4) None

प्र.२० किशोरच्या कुटुंबात त्याचे आई,वडील,पत्नी,दोन मुले, दोन भाऊ, तीन बहिणी, त्यांचे पती किंवा पत्नी व प्रत्येकाची दोन मुले यांचा समावेश आहे तर कुटुंबातील एकूण व्यक्ती किती?

- 1) 20      2) 22      3) 26      4) 28

प्र.२१ गणेश बाजारात चालला होता. समोरून त्याचा मित्र आपल्या तीन बहिणीसोबत येत होता. प्रत्येकीजवळ २-२ मुले होती. प्रत्येक मुलाकडे ३-३ कुत्र्याची पिल्ले होती तर किती सजीव बाजारात चालले होते?

- 1) 28      2) 29      3) 26      4) 1

प्र.२२ २२ फुट खोल खड्यातून वर येण्यासाठी एक बेडूक एका वेळी ५ फुट उंच उडी मारतो व २ फुट खाली घसरतो तर बाहेर येण्यासाठी त्याला कमीत कमी किती उडया माराव्या लागतील?

- 1) 8      2) 7      3) 9      4) 10

प्र.२३ २४ इंच लांबीच्या खिडकीला ३-३ इंच अंतरावर गज सबवायचे असल्यास किती गज लागतील?

- 1) 9      2) 8      3) 7      4) 10

प्र.२४ ५६ फुट लांबीची दोरी ७ ठिकाणी कापून समान लांबीचे तुकडे केले तर प्रत्येक तुकड्याची लांबी किती?

- 1) 8 Foot      2) 9 Foot      3) 7 Foot      4) 6 Foot

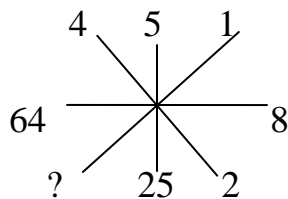
प्र.२५ मंदिरात जातना राधाने प्रत्येक पायरीवर त्या पायरीच्या क्रमांकाएवढी फुले ठेवली व २४ पाय-या चढून देवळात गेल्यावर एक फुल देवाला वाहीले तर तिने आपल्यासोबत किती फुले नेली असावीत?

- 1) 156      2) 350      3) 301      4) 351

**Ans.** 1) 2    2) 1    3) 4    4) 1    5) 4    6) 1    7) 2    8) 4  
9) 1    10) 3    11) 3    12) 4    13) 4    14) 1    15) 4    16) 1  
17) 3    18) 1    19) 3    20) 3    21) 4    22) 2    23) 3    24) 3  
25) 3

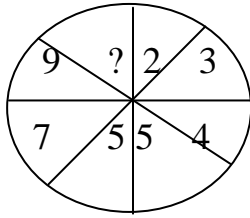
### कुट प्रश्न

1.



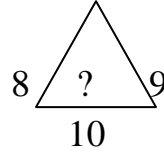
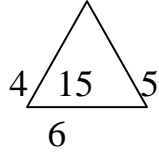
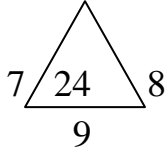
- 1) 2      2) 1      3) 3      4) 4

2.



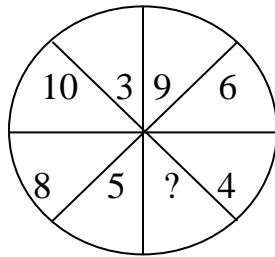
- 1) 10      2) 11      3) 12      4) 13

3.



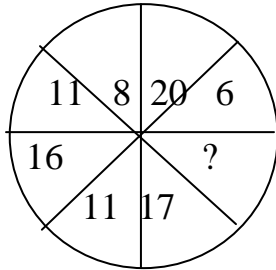
- 1) 24      2) 27      3) 19      4) 29

4.



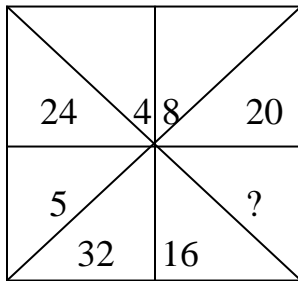
- 1) 13      2) 12      3) 7      4) 11

5.



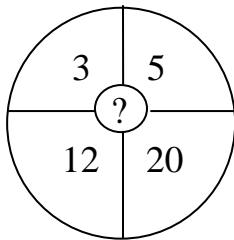
- 1) 8      2) 3      3) 2      4) 7

6.



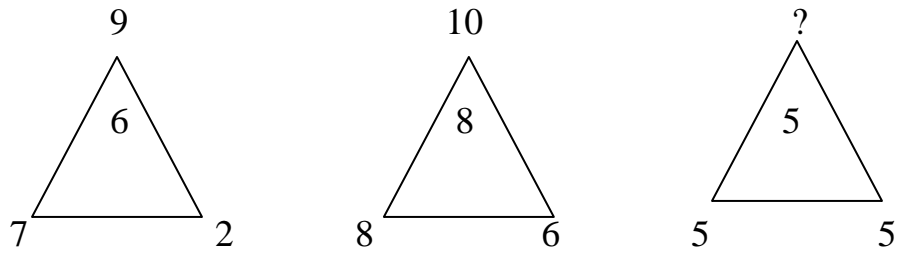
- 1) 4      2) 7      3) 14      4) 6

7.



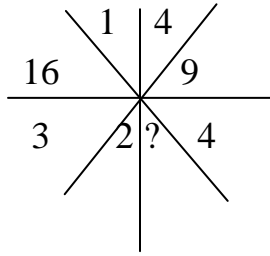
- 1) 23      2) 60      3) 17      4) 7

8.



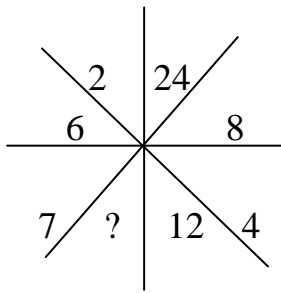
- 1) 5      2) 6      3) 15      4) 8

9.



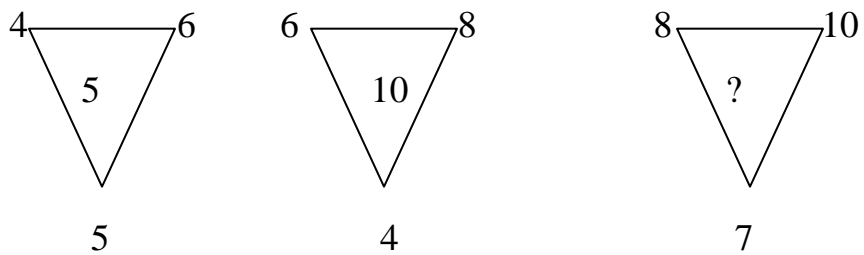
- 1) 5      2) 6      3) 1      4) 8

10.



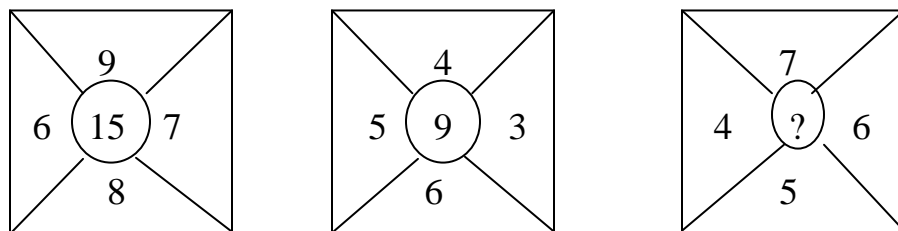
- 1) 5      2) 16      3) 1      4) 9

11.



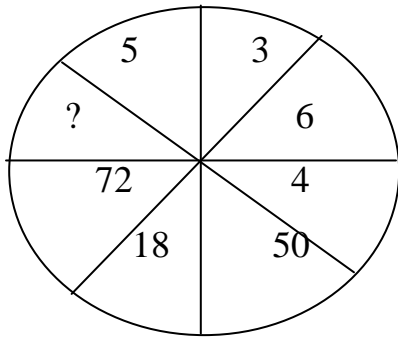
- 1) 9      2) 10      3) 11      4) 12

१२.



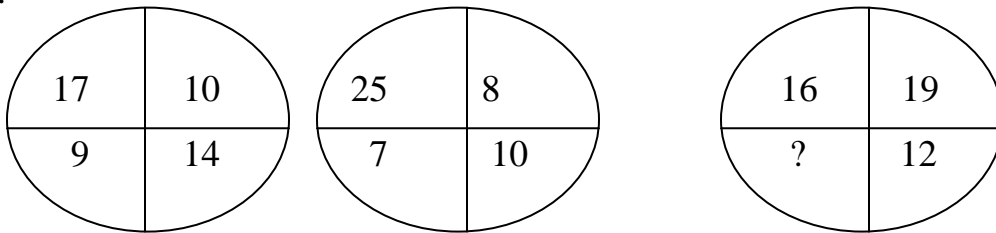
- 1) 11      2) 12      3) 10      4) 13

13.



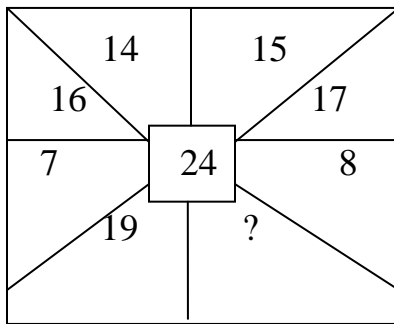
- 1) 32      2) 42      3) 36      4) 48

14.



- 1) 6      2) 3      3) 9      4) 5

15.



- 1) 10      2) 12      3) 13      4) 11

**Ans.** 1) 2    2) 1    3) 2    4) 4    5) 3    6) 2    7) 2    8) 1  
 9) 3    10) 3    11) 3    12) 1    13) 1    14) 2    15) 1

**1) Number sequence/ Alphabet sequence**

**43, 44, 25, 64, 78, 95, 104**

1) Add the numerals in each number shown in the number sequence. How many times the addition comes an even number ?

- 1) 4      2) 5      3) 2      4) 3

2) How many times the addition of the numerals in the numbers comes a prime number ?

- 1) 3      2) 5      3) 2      4) 3

3) How many numbers from the above number sequence are divisible by 2,3 & 6 ?

- 1) 1                      2) 2                      3) 3                      4) None

                    ABCDE      FGHIJ      KLMNO      PQRST      UVWXY

4) Find the second letter to the left of the middle letter ?

- 1) K                      2) O                      3) J                      4) P

5)  $E + J = O, A + B = C, F + G = M \therefore C + D = ?$

- 1) E                      2) F                      3) P                      4) G

6) Find the letter neighboring to 'K' but not 'M'

- 1) I                      2) L                      3) N                      4) J

## 2) Classification

1) Find odd man out.

- 1) 1) Leg      2) Heart      3) Lungs      4) Liver  
2) 1) Godawari      2) Chandrabhaga      3) Vainganga      4) Yamuna  
3) 1) Carom      2) Football      3) Table tennis      4) Chess  
4) 1) 55      2) 166      3) 132      4) 1111  
5) 1) 2      2) 7      3) 8      4) 5  
6) 1) 4      2) 9      3) 12      4) 25

## 3) indentifying the series

Identify the number that can replace the question mark

1) 5,10,13,15,20, ?, 25

- 1) 21      2) 22      3) 23      4) 24

2)  $\frac{2}{3}, \frac{5}{7}, \frac{11}{13}, ?, \frac{23}{29}, \frac{31}{37}$

- 1)  $\frac{15}{19}$       2)  $\frac{17}{19}$       3)  $\frac{14}{19}$       4)  $\frac{17}{21}$

3) 0, 7, 26, ?, 124

1) 64    2) 36    3) 65    4) 63

4) 1, 9, 25, ?, 81

1) 16    2) 36    3) 27    4) 49

5) 4, 9, 25, 49, ?, 169

1) 64    2) 65    3) 121    4) 81

6) 85, 98, 115, ?, 127

1) 122    2) 120    3) 124    4) 118

#### 4) Logical Reasoning

1) Rohan is taller than Nandu. Sunil is taller than Rohan, then who is the tallest of all

1) Sunil    2) Rohan    3) Nandu    4) Rohan & Nandu

2) Ramesh, Naresh and Deeraj are three friends. Ramesh belongs  $\frac{1}{3}$  less amount than Naresh and Naresh belongs  $\frac{1}{3}$  less amount than Deeraj. If Dheeraj has Rs. 27 with him; calculate the total amount those three friends belong to.

1) Rs. 57    2) Rs. 12    3) Rs. 18    4) Rs. 45

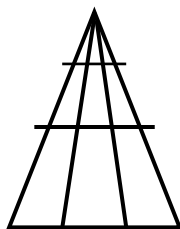
3) Mother's age is twice the age of her daughter today. If the daughter was 18 years old before five years. What will be the age of her mother after three years ?

1) 51    2) 49    3) 43    4) Rohan & Nandu

4) Gaurav is 5 years older than Kamlesh now. What will be the difference between them after 5 years.

1) 100    2) 0    3) 5    4) None of these

5) Calculate the total number of triangles from the adjoining figures.



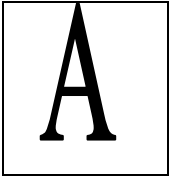
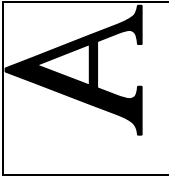
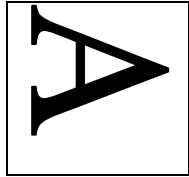
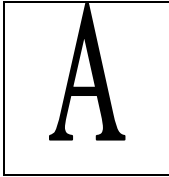
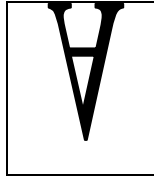
1) 18    2) 9    3) 30    4) 36



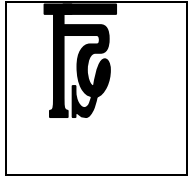

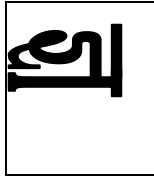


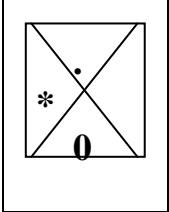
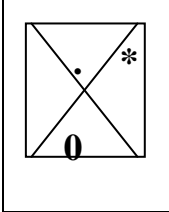
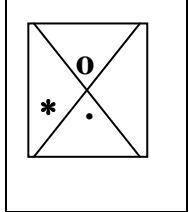
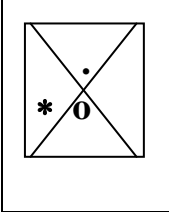
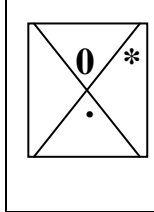
- 6) If gold means Copper, Cooper means Brass, Brass means Iron, Iron means Silver and Silver means Aluminum then which is the most valuable metal ?  
 अल्युमिनिअम म्हटले तर सर्वात मौल्यवान धातू कोणता ?
- 1) Gold                      2) Copper      3) Silver                      4) Aluminum

### 5) Water /Mirror Reflection

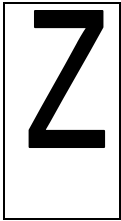
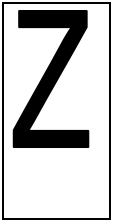
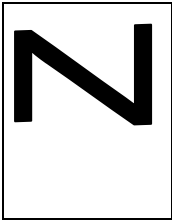
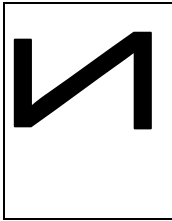
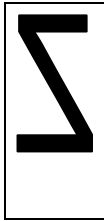
Find the water reflected figure of the question figure from the given options.


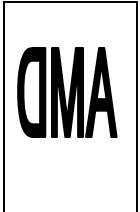



1)  1)  2)  3)  4) 

2)  1)  2)  3)  4) 

3)  1)  2)  3)  4) 

4) Find the correct mirror image from the given options.

1)  1)  2)  3)  4) 

1)  1)  2)  3)  4) 

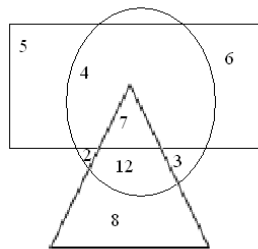
## 6) Similar Relationship

Observe the relationship between the first & second term and find the fourth term which is related with the third term.

- 1) Rice : Kilogram :: Water : ?  
1) Gram                      2) Meter      3) Litre                      4) C.M.
- 2) Big : Small :: Good : ?  
1) Bad                      2) Best                      3) Sad                      4) Better
- 3) Planet : Earth :: Star : ?  
1) Mars                      2) Saturn                      3) Sun                      4) Moon
- 4) 17 : 25 :: 48 : ?  
1) 60                      2) 55                      3) 64                      4) 63
- 5) 12 : 14 :: 23 : ?  
1) 27                      2) 32                      3) 49                      4) 94
- 6) 64 : 96 :: 56 : ?  
1) 84                      2) 99                      3) 48                      4) 65

## 7) Puzzles

In this figure circle stands for Marathi speaker people triangle for Hindi speakers while rectangle stands for English speaker people. Regarding this information answer the following questions.



- 1) How many people speak Marathi and Hindi languages ?  
1) 5                      2) 20                      3) 12                      4) 19

2) How many people speak only on language ?

- 1) 8            2) 6            3) 5            4) 24

3) How many people speak all the three languages ?

- 1) 7            2) 47            3) 28            4) 19

## 8) Calendar

1) First day of the year 2004 was Thursday. Find the last day of the same year.

- 1) Friday            2) Thursday    3) Wednesday    4) Tuesday

2) Sanjy – 14/06/1998 and Sumit 14/06/2000

The dates given above are the birth dates of Sanjay and Sumit. Who is older ad by how many years ?

- 1) Sumit by 2 yrs    2) Sanjay by 2 yrs    3) Sumit by 2 months    4) None of these

3) 16<sup>th</sup> May, 2014 will come on Friday. Then which of the following day will come 5 times in many years ?

- 1) Monday            2) Tuesday    3) Wednesday    4) Thursday

4) Which of these is Leap Year ?

- 1) 2016            2) 1600            3) 1800            4) Opt. 1 & 2

5) 1<sup>st</sup> January 2016 come on Friday. Then which of the following day will come 1<sup>st</sup> January 2017 ?

- 1) Monday            2) Friday            3) Saturday            4) Sunday

6) 10 January 2016 is a birthday of Akansha then when Akansha third birthday come ?

- 1) Thursday            2) Saturday    3) Friday            4) Sunday

7) 3<sup>rd</sup> February 2016 Wednesday has Harsha birthday then when Maharashtra Day will coming ?

- 1) Monday            2) Sunday            3) Wednesday    4) Thursday

8) 1<sup>st</sup> December 2015 has Tuesday then after 100 days left which of the day will come ?

- 1) Thursday            2) Tuesday            3) Friday            4) Wednesday

9) If we celebrate the Children's day on Tuesday then when we will celebrate the Teacher's day.

- 1) Thursday      2) Tuesday      3) Friday      4) Wednesday

10) Ajay is 3 days older than Vijay. Suresh is 8 days younger than Vijay. Then Suresh birthday comes on Independent day so when Ajay birthday comes ?

- 1) 4 August      2) 7 August      3) 12 August      4) 15 August

### 9) Position in a line or row

1) Aditi is standing exactly in the centre of the row. If there position is 25<sup>th</sup> from both the sides. Find the total number of children in that row ?

- 1) 26      2) 51      3) 49      4) 50

2) 72 m. rope is cut into equal pieces. If it is cut 8 times find the length of each piece.

- 1) 9m      2) 8 m      3) 80 m      4) 64 m

3) Akanksha's position in a line is 23<sup>rd</sup> from left and 15<sup>th</sup> from right. Calculate the total number of children in that line.

- 1) 37      2) 38      3) 39      4) 36

### 10) Directions

1) Which direction is opposite to South the West ?

- 1) North      2) East      3) North west      4) North East

2) Harshad is looking the rising Sun. he turns in right angle four times to his right. Which direction will be towards his left hand now ?

- 1) East      2) West      3) North      4) South

3) Rahul and rani are talking to each other. If rahul face is towards North west direction, which will be direction towards Rani's right hand.

- 1) North East      2) South West      3) North West      4) South East

## 11) Grids

1).

1	9	4
16	49	64
36	81	?

1) 68

2) 25

3) 60

4) 100

2).

8	24	12
4	6	1
2	4	?

1) 30

2) 20

3) 12

4) 25

3).

3	3	3
25	?	100
2	4	7

1) 49

2) 50

3) 75

4) 35

## 12) Term that belongs to a set

Find the term that belongs to a set

1) 5, 15, 25, . . . . .

1) 26

2) 28

3) 13

4) 32

2) 34, 102, 85, . . . . .

1) 153,

2) 65

3) 95

4) 104

3) 7, 17, 37, ?

1) 27

2) 57

3) 67

4) 77

4)  $\frac{4}{7}, \frac{14}{8}, \frac{16}{28}, \dots$

1)  $\frac{28}{16},$

2)  $\frac{30}{52}$

3)  $\frac{32}{58}$

4)  $\frac{56}{32}$

5) 24, 35, 48, ?

1) 65

2) 64

3) 63

4) 60

### 13) Code Language

if put = 543, cot = 256 and cup = 342 then

1) cat = ?

- 1) 275      2) 753      3) 265      4) 245

2) tap = ?

- 1) 563      2) 573      3) 345      4) 352

3) but = ?

- 1) 345      2) 175      3) 453      4) 145

<b>Ans.</b>	<b>Q.1</b>	1) 4	2) 4	3) 1	4) 1	5) 4	6) 4
	<b>Q.2</b>	1) 3	2) 4	3) 2	4) 2	5) 3	6) 3
	<b>Q.3</b>	1) 3	2) 2	3) 4	4) 4	5) 3	6) 1
	<b>Q.4</b>	1) 1	2) 1	3) 2	4) 3	5) 1	6) 2
	<b>Q.5</b>	1) 4	2) 1	3) 4	4) 3		
	<b>Q.6</b>	1) 3	2) 1	3) 3	4) 1	5) 3	6) 1
	<b>Q.7</b>	1) 3	2) 4	3) 1			
	<b>Q.8</b>	1) 1	2) 1	3) 4	4) 4	5) 4	6) 1
			7) 2	8) 1	9) 2	10) 1	
	<b>Q.9</b>	1) 3	2) 2	3) 1			
	<b>Q.10</b>	1) 4	2) 3	3) 3			
	<b>Q.11</b>	1) 2	2) 3	3) 1			
	<b>Q.12</b>	1) 4	2) 1	3) 3	4) 4	5) 3	
<b>Q.13</b>	1) 1	2) 1	3) 3				

**Dr C. V .Raman Balvaidnyanic Exam**

**Std - 5 th**

**NOTES**