

17. The interest on a 4 month loan of Rs60 is 80 Paisa .What is the annual rate of interest?

Answer Option (4%)

18. A watch gains 3 minutes a day. If it is set at 6 AM. How much it would gain till 6 PM?

- a. 2min
- b. 1.5min
- c. 3 min
- d. 4 min

Answer Option (b)

19. A man has five married sons & each of them has four children. how many members are there ?

- a. 22
- b. 30
- c. 24
- d. 32

Answer Option (d)

20. Re-arrange the letters in NEW DOOR to make one word.

Answer Option (ONE WORD)

21. There are 15 parrots sitting on a tree. Three are shot by SMG burst fire & killed on the Spot .how many remain there after?

Answer Option (O)

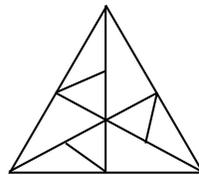
22. If the fourth of the month falls one day before Sunday, what day will fall on the twelfth of the month?

Answer Option (Sunday)

23. Count the total triangles

- a. 16
- b. 20
- c. 15
- d. 22

Answer Option (d)



24. Which word comes last in dictionary?

- a. Private
- b. Primer
- c. Premiere
- d. Primary

Answer Option (a)

25. Which is the senior most rank in UN Jobs?

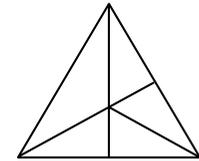
- a. UNV
- b. ASG
- c. FS6
- d. USG

Answer Option (d)

26. How many triangles are there?

- a.. 10
- b. 13
- c. 12
- d. 14

Answer Option (b)



27. If $A+B = 12$ & $A-B=4$ then $A=?$

- a. 64
- b. 144
- c. 16
- d. 36

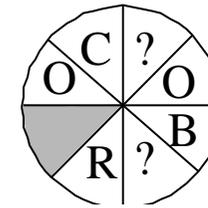
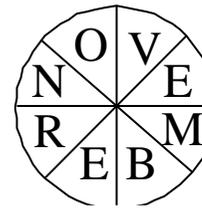
Answer Option (a)

28. Wash is to Soap as Sweep is to?

- a. Clean
- b. Floor
- c. Straw
- d. Broom

Answer Option (d)

29. Insert the letters to form meaningful words.



Answer Option (T, E)

30. STAIN is coded as

- a. 98175
- b. 89483
- c. 68194
- d. 65478

Answer Option (d)

31. Find the odd-one out

- a. Sword
- b. Axe
- c. Bullet
- d. Knife
- e. Dagger

Answer Option (c)

32. Rearrange in descending order.

- a. Section
- b. Platoon
- c. Brigade
- d. Crops
- e. Division
- (i) 45321
- (ii) 12345
- (iii) 45312
- (iv) 45123

Answer Option (a)

82. A number is divided by 5 & then 55 is added .if the total is 60.What is that number?

Answer Option (25)

83. Mary is twice as old as her brother and half as old as her father. In 22 years , her brother will be half as old as his father. How old is Mary now ?

- a. 30 years
- b. 16 years
- c. 24 years
- d. 22 years

Answer Option (d)

84. I am a window, I am a lamp , I am a clouded . I am shining and I am a colored; Set in white , I fill with water and overflow. I say much , but I have no words what am ?

Answer Option (An eye)

85. Insert the missing number.

16,15,13.....6,1

Answer Option (10)

86. Choose the correct water image of SNACK.

Answer Option (5)

87. The value of FATHER is 58 .if so ,What is the value of MOTHER?

- a. 69
- b. 96
- c. 97
- d. 79

Answer Option (d)

88. Find the odd one out.

- a. Serena Williams
- b. Steffi Graph
- c. Maria Sarapova
- d. Roger Federar

Answer Option (d)

89. A has 3 children. B is the brother of C and C is the sister of D ,E who is the wife of A is the mother of D. There is only one daughter of the husband of E. What is the relation between D and B?

- a. Father
- b. Uncle
- c. Son
- d. Brother

Answer Option (d)

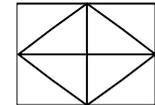
90. Mr. Howard is 7th from the top and 20th from the bottom.mr Benson is in between Howard & the last student Emmanuel. what is the position of Mr. Benson in that class?

- a. 13th
- b. 20th
- c. 17th
- d. 16th

Answer Option (c)

91. Count the pentagons in the figure.

- a. 6
- b. 7
- c. 8
- d. 9



Answer Option (c)

92. Showing to Florence, Perry said, “Her mother was the only daughter of my mother”. What is Florence to Perry ?

- a. Aunt
- b. Daughter
- c. Mother
- d. Cousin

Answer Option (b)

93. A,B,C,D,E & F are members of a family .There are two (2) married Couples. B is father of E.F is the grandfather of C ,D is the grandmother of E. who are the two married couples?

Answer Option (FD&BA)

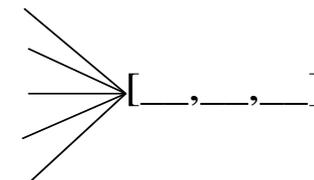
94. If ROPE is coded as 6821 & CHAIR as 73456 then what will be the code for CRAPE?

- a. 73456
- b. 76421
- c. 77246
- d. 77123
- e. None of these

Answer Option (b)

95. Insert letters which can be prefixed by all the following.

- a. Down
- b. East
- c. For
- d. Sea
- e. Back



Answer Option (WARD)

150. Replace the question mark with a letter to form a country .



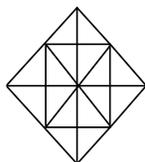
Answer Option (L,Protugle)

151. The father is the left of son and right to the grandfather. Mother is to the right of her daughter but left to grandfather .Who is at the centre?

- a. Son
- b. Grandfather
- c. Father
- d. Mother

Answer Option (b)

152. How many diamond shapes are there in the figure below?



- a. 10
- b. 12
- c. 14
- d. 16

Answer Option (a)

153. Which of the following fraction is greater than 2/3 and less than 3/4 ?

- a. 5/8
- b. 4/5
- c. 7/12
- d. 7/10

Answer Option (d)

154. If a train travels 20 KM in 24 minutes then the distance travelled in 16 minutes would be

- a. 60 KM
- b. 15KM
- c. 10KM
- d. 13.33KM

Answer Option (d)

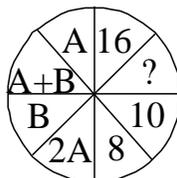
155. Bird is related to Cage as Man is related to ?

- a. House
- b. Field
- c. Room
- d. Prison

Answer Option (d)

156. What is the missing number?

- a. 6
- b. 2
- c. 4
- d. 8



Answer Option (b)

157. The ratio of while balls and black balls is 1:2 . if 9 grey balls are added then it becomes 2:4:3. Then what is the number of black balls.

- a. 11
- b. 12
- c. 13
- d. 14
- e. 15

Answer Option (b)

158. Mr. Robert piper has twice as many sums right as wrong. If she has 24 Sums in all , how many of them are right?

- a. 8
- b. 12
- c. 14
- d. 16

Answer Option (d)

159. Complete the following series?

A6KP , B7LQ,CH13R,.....?.....

- a. 41NS
- b. D8NS
- c. 41185
- d. 41N20

Answer Option (d)

160. How many A's immediately preceded by 5 but not immediately followed by 1 are there in the following series ?

5A81A95A11A55A65A75A732A7

- a. 2
- b. 3
- c. 5
- d. 4
- e. None

Answer Option (d)

161. Complete the following sequences .AB_BBC_C_AB_AB_B

- a. CCAAC
- b. CBABC
- c. CACAC
- d. BCCAB

Answer Option (c)

162. A,B,C,DE & F are sitting in a circle. A is between E & D ; F is to the left of D and B is in between F & C .who is in between A and E ?

- a. D
- b. B
- c. C
- d. E

Answer Option (a)

Answer Option (d)

191. If POVERTY is coded as YTPOVER, then how do you code CANDIDATE?

- a. EACDNDITA b. NDIDATEAC
c. ETCANDIDA d. CANDIDEAT

Answer Option (c)

192. What can be found in HANDS , HEAD & HAIR but not in KNEE ?

- a. 1 b. A
c. D d. H

Answer Option (a)

193. In the morning, Mr Smith stood facing a pole, The shadow of the pole fell exactly to the right of him; which direction was the facing?

- a. East b. South
c. North d. West
e. None

Answer Option (b)

194. If 'Millionaire' is to 'wealth' then 'Genius' is to.....?.....

- a. Capability b. Smartness
c. Awareness d. Intelligence
e. Alertness

Answer Option (d)

195. Which comes next?

Answer Option (b)

196. Arrange as in dictionary.

- a. Wife b. Win
c. Wit d. Wince

Answers

- a. Ebacd b. Dcbea
c. Bdcae d. Acdb

Answer Option (d)

197. If 'sand' is to 'Desert' then 'Air' is to

- a. Ocean b. Atmosphere
c. Sky d. Universe
e. Breath

Answer Option (b)

198. Choose the odd one out.

- a. CIQ b. DKR
c. PELS d. FMT
e. GNV

Answer Option (E)

199. A man said to a woman 'Your brother's only sister is my mother' How is the man related to women?

- a. Nephew b. Son-in -Law
c. Husband d. Son

Answer Option (d)

200. Which letter is the 7th letter to the right of 15th letter from your left in the English alphabet?

- a. S b. R
c. V d. E
e. M

Answer Option (c)

201. Anthony is heavier than George .Person is heavier than-jhonson but lighter than George.Micheal is lighter than jhonson. Who is the heaviest?

- a. George b. Jhonson
c. Pearson d. Anthony
e. Micheal

Answer Option (d)

202. Mr. Roger villa goes 30 m North ,then turns right & walk 40 m then again turns right and walks 20m ,then again turns right & walks 40m.How far is he from start point?

- a. 10m b. 15m
c. 20m d. 25m

Answer Option (a)

203. If X is coded as 7:P is coded as 9:Z as 6; Mas 5 ; L as 3 and D as 2 .Then what will be the coded from of PLDXMZ?

- a. 932756 b. 923756
c. 952736 d. 937526

Answer Option (a)

204. Find the odd out .

- a. BEHK-KHEB b. CGKO-OKGC
c. DINS-SNID d. EKQX-EKQX

Answer Option (d)

205. Find the letter which ends the first word & starts the second.
ROO(-) OOR

Answer Option (M)

206. If 'Rain' is called 'Water' 'water' is called 'Air' , 'air' is called 'cloud' , 'cloud' is called 'sky', 'sky' is called 'sea' and 'sea' is called 'road' .where do the aero plane fly?

- a. Water b. Road
c. Sea d. Cloud
e. Sky

Answer Option (C)

207. If 5 boys run 5 km in 5 minutes, How much time will 50 boys take to run 50 km ?

- a. 5 min b. 10 min
c. 50 min d. 25 min

Answer Option (c)

208. How many 3 's are there in the following sequences which are neither preceded by 6 nor immediately followed by 9 ?

9366395937891639639

- a. One b. Two
c. Three d. Four

Answer Option (b)

209. A sum of money will double itself at 5 % per anum simple interest in :

- a. 50 yrs b. 15 yrs
c. 25 yrs d. 20 yrs

Answer Option (d)

210. If $- = X$, $x = +$, $+ = \div$ & $\div = -$, then $14 - 10 \times 2 \div 14 + 8$?

- a. 14 b. 16
c. 12 d. 18

Answer Option (b)

211. Which number should come in place of question Bank ?

Answer Option (d)

Science and Technology I Q Test

- Which scientist of the world is known as the "Father of Science"?
-Alert Einstein
- When was Elbert Einstein born? **-14 March, 1879**
- When did Einstein propound "Theory of Relative"? **-1905AD**
- When did Einstein propound "General Theory of Relativity"?
-1915 AD
- When Einstein was awarded the Nobel Prize in Physics? **-1921 AD**
- The offer to become president of which country had Einstein rejected?
-Israel
- How has Einstein summarized his "Theory of Relative" in a formula?
- E = MC²
- When did Einstein die? **-18 April, 1955**
- Where Einstein's brain is safely kept? **-Princeton Hospital, USA**
- When and where was Archimedes born? **287 BC, Sicily(Greece)**
- Who propounded the "theory of Relative Density", "Theory of Liver" and "Theory of Screw"?
-Archimedes
- "Give me a place to stand and I'll move the earth". Which scientist made this remark?
- Archimedes
- Which scientist discovered that the value of π is $22/7$?
- Archimedes
- Which scientist known as the "Father of Practical Science"?
- Archimedes
- When and where was Galileo born? **-15 Feb, 1564, Pisa Italy**
- When did Galileo was invent telescope? **-1609 AD**
- Who is the scientist to discovered that the sun is stationary and the planets including the earth move round the sun? **-Galileo**
- Who invented thermometer? **-Galileo**
- When did Galileo die? **-8 Jan, 1642**
- When and where Sir Isaac Newton born?

-25Dec, 1642(Lancashire, Britain)

- When was Newton's Famous book "Principia" that includes his laws of motion, Gravitation and Astronomy published? **-1687**
- Who is known as the 'Father of Modern Physics'?-**Sir Isaac Newton**
- Which scientist clarified with rainbow and prism that there are seven colours in solar rays? **-Sir Isaac Newton**
- How many laws of motion has Newton and propounded? **-3**
- The passengers of a moving bus jerk forward when it stops suddenly. To which law of motion is this related?
-Newton's first law of motion
- What is the name of the first Indian un-manned spacecraft?
-Chandrayan -1(launched on 14 Nov, 2008)
- Based upon Newton's which law of motion are rocket engine and jet engine made? **-Newton's third law of motion**
- What is the property of the earth pulling every object known as?
-Gravity
- Which scientist propounded "Corpuscles Theory" that maintains that light is the flow of very small particles? **-Sir Isaac Newton**
- When did Newton die? **-20March, 1727**
- When and where was John Dalton born?-**6 Sept, 1766 (England)**
- Which scientist invented the "Atomic Theory"? **-John Dalton**
- Who is the scientist to discover the theory Incomplete Pressure"?
-John Dalton
- Who is the founder of the "Theory of Aurora Borealis"?-**John Dalton**
- Which scientist discovered that there are electron, proton and neutron in an atom" **-John Dalton**
- When did John Dalton die? **-27 July, 1844**
- When and where was Michael Faraday born?-**22 Sept, 1711(Britain)**
- Who is discovered generator? **- Michael Faraday**
- Who is known as the "Farther of Electricity"?- **Michael Faraday**
- When did Michael Faraday invent water pump? **-1830AD**
- Who discovered the Chlorine gas that stops breathing?
-Michael Faraday

- Who is known as the "Prince of Experiment"?- **Michael Faraday**
- Based upon Michael Faraday's which law the technology of electroplating? **-Law of Electrolysis**
- Who propounded the "Laws of Electromagnetic Induction"?
Michel Faraday
- Who invented benzene? **-Michel Faraday**
- When did Michael Faraday die? **-25 Aug, 1867**
- When was a famous natural scientist Charles Darwin born, the founder of the Theory of Evolution born?-**12 Feb, 1809(Britain)**
- When did Charles Darwin publish his book 'The Origin of Species'?
-1859AD
- On which island did Charles Darwin conduct his studies on animals?
-Galapagos Island (Ecuador)
- Who was the scientist friend of Charles Darwin?
-Alfred Russell Wallace
- Who is the "Theory of Natural Selection"? **-Charles Darwin**
- How many years did it take for Charles Darwin to found his "Theory of Evolution"? **- The origin of Species**
- Who found the "Theory of Natural Selection"? **-Charles Darwin**
- How many years did it take for Charles Darwin to found his "Theory of Evolution"? **-20 years**
- When did Charles Darwin die? **-19 April, 1882**
- When was Louis Pasteur born? **-27 Dec, 1822 (France)**
- When did Louis Pasteur invent anti-rabies vaccine? **-1885**
- Who invented the vaccine against tuberculosis? **- Louis Pasteur**
- Who is the scientist to discover that bacteria causes infection of wound?
- Louis Pasteur
- When did Louis Pasteur die? **-1895 AD**
- When was Thomas Elva Edison born? **- 11 Feb, 1847 (USA)**
- Who invented Gramophone? **- Thomas Elva Edison**

- Which scientist said – "Genius is 1 percent inspiration and 99 percent perspiration?? - **Thomas Elva Edison**
- Who invented electric bulb, movie camera and projector? - **Thomas Elva Edison**
- Which scientist forgets his own name? - **Thomas Elva Edison**
- Which scientist has made the largest number of scientific invention? - **Thomas Elva Edison**
- Which scientist is known as the 'Scientist of Scientists'? - **Thomas Elva Edison**
- Who invented mimeograph and loudspeaker? - **Thomas Elva Edison**
- When did Thomas Elva Edison receive the Nobel prize in physics? - **1904 AD**
- When did Thomas Elva Edison die? - **18Oct, 1931**
- When was Madam Curie born - **7 Nov, 1867 (Poland)**
- Who was Madam Curie married to? - **Famous scientist Pier Curie**
- Which scientist discovered/invented radium? - **Madam Curie**
- The two generations of which family have been able to receive the Nobel Prize for five times? - **Curie family (Madam Curie, Pierre Curie once, daughter Irene Curie once and son – in law Frederic Juliet once)**
- From which substance are radium and polonium extracted? - **Pitchblende**
- When did Madam Curie die of cancer? - **25 April, 1874 (Italy)**
- When did Marconi invent the wireless telegraph? - **1897 AD**
- Who is the inventor of radio? - **Guglielmo Marconi**
- When did Marconi received Nobel Prize in Physics for his invention of radio? - **1909 AD**
- When did Marconi die? - **20 July, 1937**
- Who are the scientist to discover the structure of DNA? - **James Watson and Francis Krik**
- What the study of light is called? - **Optics**

- In which unit is the loudness of sound measured? - **Decibel**
- At what temperature does water have the highest density? - **4° Celsius**
- Which is the most active/unstable metal? - **Francium**
- If osmium is the heaviest metal, which is the lightest one? - **Lithium**
- What is the chemical name of the salt used in food preparation? - **Sodium Chloride (NaCl)**
- Who is the Richter scale named after? - **Famous seismologist Charles Richter**
- What is the concentration of oxygen in air? - **21%**
- Which gas is found most in the nature? - **Nitrogen**
- What is the name of the instrument that is used to measure the depth of the sea? - **Fathometer**
- Who is the inventor of radar? - **Sir Robert Watson Watt**
- If seismometer is the instrument is seismograph?
- -Instrument recording the magnitude, speed and effect of earthquake
- What is metallurgy? Technology of extracting metal from minerals
- What is the study of mountains called? - **Orology or orography**
- Which is the lightest gas? - **Hydrogen**
- What is the study of the origin and development of plant called? - **Phytology or botany**
- Who is the inventor of television? - **J.L. Baird**
- What is the instrument that is used to measure the purity (density) of milk? - **Lactometer**
- What micron plastic production has been banned? - **Bellow 20 micron**
- What is the scientific name of the man? - **Homo Sapiens**
- Which is the metal that melts at normal temperature? - **Mercury**
- What metal used at the end of the nib of a pen in order to make it strong and friction resistance? - **Mixture of iridium and Osmium**
- At what temperature does water freeze and boil at the sea level? - **Freezes at 0° C/32° F and boil at 100° C/212° F**
- If there is Butane gas (C₄H₁₀) in LP gas which gas is there in bio gas? - **Methane gas**

- What is the common substance that is found in diamond, coal and graphite of pencil? **-Carbon**
- If mechanic causes burning in ant biting, what chemical in bark of Chilaune causes itching? **-Sali salic acid**
- Who founded the "Theory of Electromagnetic Waves"? **-Maxwell**
- If barometer measures atmospheric pressure what measures the amount of heat? **-Calorimeter**
- Who is the founder of the "Law of Heredity"? **-Gregor Mandel**
- Who invented the wireless radio? **-Gogielmo Marconi**
- What is the full form of LASER?
- Light Amplification by Stimulated Emission of Radiation
- Which instrument can be used to see the sun? **Helescope**
- What is the inventor of camera? **-Joseph Niuesi**
- Which bacteria changes milk into curd? **-Lactobacillus**
- What is the instrument that is used to measure the amount of rainfall?
- Which instrument is used to find out the speed and direction of wind?
-Anemometer
- Who is known as the 'Father of Chemistry'? **-Robert Boyle**
- What is known as the universal solvent? **-Water**
- What is the full form of ROBERTY?
- Rocket Borne Emergency Radio Transmetre
- Which instrument is used to measure the speed of light?
-Photometer
- If altimeter is used to measure altitude what is used to measure the relative humidity of liquid? **-Hydrometer**
- Which instrument is used to measure the angular distance between two objects?
- What is the Louis Pasture invented process in which an liquid boiled in order to kill all germs? **-Pasteurization**
- How many watts are there in a horsepower? **-746 watts**

- Who is known as the 'Father of the Machine Era'? **-Leonardo da Vinci**
- Who invent the diesel engine **- Rudolf Desel**
- What are the constituents of sand? **-Silicon and oxygen**
- Which gas is there in refrigerator? **-Ammonia**
- What is the smallest unit of the body of living beings that carries their hereditary characteristics from one generation to another?
- Gene
- Which technology is used to bring desired characteristics in living beings by changing and substituting the genes?
-Genetic Engineering
- What is genetic gingering also called? **-DNA technology**
- What is the full form of DNA? **-Deoxy ribonucleic Acid**
- Who is the first scientist to make studies on hereditary characteristics?
-Gergor Mendel
- What is the full form of RNA? **-Recombination Acid**
- In which technology is a test tube baby born?
-Recombination DNA technology
- When was the first test tube baby born? **-25 July, 1978**
- What are the genetically identical cells that are product through mitosis cell division called? **-Clone**
- What is the name of the first sheep that are produced through mitosis cell division called? **- Dolly (1996 ad)**
- Which disease is considered to be the oldest in the world?
-Leprosy
- What is the technology that is developed as the integration of information technology and computer technology called?
-Information technology
- What does e-mail mean? **-Electronic correspondence**
- What is the full form of e-mail? **-Electronic Mail**
- What is the full form of WWW in the field of information technology? **-World Wide Web**

- When was computer used for the first time in Nepal **-2028 BS**
- What is the earliest form of internet? **-e-mail**
- Where is the first rural information center established in Nepal?
-Parvat
- What is the global network of electric information and statics called?
-Internet
- Where is the Information technology park established in Nepal?
- Banepa, Kavre
- What is the full form of CPU? **-Central Processing Unit**
- What is the full form of CDMA? **-Code Division Multiple Access**
- When was the Alternative Energy Promotion Centre established in Nepal? **-2053 BS**
- What is 'tukimara' related to? **-Domestic solar power technology**
- What is the other name mobile phone known as? **-Cell phone**
- What does Photo Voltaic Cell mean? **-Solar power**
- What is the full form of SIM in the SIM card used in mobile phones?
-Subscriber Identity Module
- What is the totality of all stars, planets, satellites and asteroids of the universe called? **-Cosmos**
- What distance does light travel in a second? **-3,00,000km**
- How long does the solar light take to reach the earth?
-8 minutes, 20 seconds
- What is meant by Milky Way? **-Group of sun and other stars**
- What is the distance of the sun is 5540° Celsius on its surface, hat is the temperature in its core?
15million (1carod 50 lakh) degree Celsius
- What is the main constituent of the sun? **-Hydrogen (70%)**
- What is meant by a light year?
-The distance travelled by light in a year

- Which is the smallest plant of the Solar system that is also nearest from the sun? **-Mercury**
- How many days does the Mercury take to revolve round the sun?
- 87.9 days
- Which planet is known as the twin planet of the earth? **-Venus**
- Which of the planets have no satellites? **-Mercury and Venus**
- Which is the second nearest planet from the sun? **-Venus**
- Which planet is known as the 'Evening Star' **-Venus**
- Which is the only planet with human settlement? **-Earth**
- How many satellites does the earth have? **-1(Moon)**
- What is the imaginary line that joins the two poles of the earth?
-Axis
- What is the path that the earth travels to go round the sun called?
-Orbit
- At what angle is the earth tilted on its axis **- 66.5°**
- What is the maximum temperature of the surface of the earth?
-59°C
- What is the actual time that the earth take to make a round on its axis (rotation)? **-23 hrs. 56 mins, 4.09 secs**
- How long does the earth take to go round the sun (revolution)?
- 365 days, 5hrs, 43 mins, 11.47 secs
- How far is the moon from the earth? **-3,84,400 km**
- How long does the light take to reach the earth from the moon?
-1.3 seconds
- What makes the moon shine? **-Solar light**
- When are day and night of equal length (equinox) all over the world?
-20/21 March and 22/23 Sep
- How often does the leap year occur? **-Every 4 years**
- Which planet is called the 'Red Planet'? **-Mars**
- How many satellites does the Mars have? **-2 (Phobos and Deimos)**
- Which is the biggest planet of the Solar system? **-Jupiter**
- How many satellites does the Jupiter have? **-16**

- Which is the biggest satellites of the Jupiter? **-Ganymede**
- How many satellites does the Saturn have? **-18**
- Which is the biggest satellites of the Saturn? **-Titan**
- Which is the smallest satellite of the Saturn? **-Phoebe**
- Which scientist discovered the Saturn **-Galileo**
- Which scientist colour of the Uranus? **-Green**
- What is the colour of the Neptune? **-Light yellow**
- How many satellites does the Neptune have? **-8**
- When was the Pluto excluded from the list of the planets?
-24 Aug, 2006
- How many planets are there now in the Solar system? **-8**
- In which list has the 26th General Assembly of the International Astronomical Union included the Pluto? **-Dwarf planet**
- When had Clyde William Tombaugh discovered the Pluto?
-18 Feb, 1930
- Who is the scientist to find out the asteroids (dhumaketu)?
-Edmonton Hally
- Which is the scientist who discovered the Solar System?
-Copernicus
- How many galaxies are there in the universe? **-88**
- How often does the jolly's comet appear? **-Every 76 years**
- Which plant knows as the 'morning Star'? **-Venus**
- If Proxima Centauri is the second nearest star from the earth after the sun, which is the star nearest from the sun? **-Dog star**
- If the total eclipse last for maximum of 8 minutes, how long does the partial solar eclipse last for? **-4 hrs**
- Which side of the sun is blocked first during a Solar eclipse?
-Western side
- How many times can the solar eclipse occur in a year in maximum?
-Twice
- How many times can lunar eclipse occur in year in maximum
-Twice
- During a lunar eclipse, which side of the moon is blocked first?

- If the solar eclipse can take place only on a new moon day, when does the lunar eclipse take place? **-Only on a full moon day**
- At what angle are the orbits of the earth and the moon tilted?**-5.15°**
- Who discovered hydrogen gas? **- Craters**
- Which is the smallest satellite? **-Leda**
- What substance makes chilly hot? **-Captisin**
- Which colours are meant by the primary colours?
-Red, blue and green
- Which is the instrument that is used to see the objects that should not be seen with naked eyes? **-Periscope**
- Which is the gas that is found most in the nature?**-Nitrogen(78%)**
- What ray is used in remote control? **-Infrared Ray**
- What is the instrument that is used to check where the divers are drunk?
-Breathalyzer
- What metal is made at the mixture of copper and zinc? **-Brass**
- Who is the inventor of Braille script? **-Louis Braille**
- What is computer called in Nepali? **-Susankhya**
- Which is the softest rock (Patthr) **-Sand**
- Which is the most expensive metal? **-Radium**
- What substance in the tail of a glowworm makes it glow?**-Luciferin**
- What is the full of FP and BP in terms of thermometer -
-Freezing Point and Boiling Point
- What is meant by 'quicksilver'? **-Mercury**
- Which is the only mammal that can fly? **Belt**
- What is the science of coin and medals call? **-Numismatics**
- Which is the insect that transmit diseases most **-Fly**
- Which organ of a human body functions for the latest time at death?
-Ear
- How many times a minute does the hearth of healthy person beat?

- Who know as the 'Father of Medical science'? **-72-80 times**
-Hippocrates
- How deep can the solar light go into water? **-300 feet**
- Who is known as the 'Father of Atom Bomb'? **-Albert Einstein**
- If washing soda is called sodium carbonate, what is the edible soda called? **-Sodium carbonate**
- Where does the 'Tranquilities' lie? **-On the moon**
- Which is the spacecraft that reached the moon for the first time?
-Luna II
- When did the USSR launch the 'Sputnik -1', the man –made satellite, to space? **-4 Oct, 1 1957**
- What was the animal sent to the space by the USSR on 2 Nov, 1957 in its spacecraft 'Sputnik -2'? **-Dog Laika**
- What is the name of the city purposed to settle in the space?
-Olga (designer: Daniel Badini)
- Which and in which spacecraft did the spaceman Yuri Gagarin of Russia reach the space? **-12 April, 1961, Vostok-1**
- What is the second spaceman after Yuri Gagarin?
-Ellan Separd (5 May, 1996)
- Who is the first spacewomen of the world?
-Valentina Terskova(USSR)
- Who is the first journalist to reach the space?
-Toyohiro Okiya(Japan)
- Which is the third country to send spacecraft into the space?
-France (launched satellite 'A'-I on 26 Nov, 1965)
- What is the first country to enter into the space?
-Japan (sent a weather satellite on 11 Feb, 1970)
- If China is the fifth country to enter into the space, which is the sixth country to do so?
-India (sent spacetrafit 'Aryabhata' on 19 April, 1975)
- Who is the first spaceman to reach the space?
-Rakesh sharma (1982 AD)

- Which is the first spacecraft to reach the surface of the moon?
-Luna -2 (1959 AD)
- Who is the first spacecraft to land on the moon?
-Neil Armstrong, USA (landed on 21 July, 1969)
- In which part of the moon did the 'Apollo – 11' land?
Sea of Tranquility
- Who is the first person to walking the space?
-Alexi Leonev, USSR (18 March, 1965)
- Which is the first nation to involve in the exploration and study of the space?
-Russia
- What was the name of the spacecraft dispatched by the USA to study the Jupiter?
-Galileo
- What is the position of China among the countries which have been successful in sending their spacecraft's with human beings?
-Third after USSR and USA (sent Senjhao -5 on 15 Oct, 2003)
- If Sputnik -1 (sent by USSR on 4 Oct, 1957) is the first spacecraft, which is the second one?
-Explorer-1 (sent by USA on 31 Jan, 1958)
- On board together with Neil Armstrong didn't land on the moon?
-Michael Collins
- Which nations citizen became the first Asian to travel into the space?
-Vietnam
- If the Russian spacepersons are called 'cosmonauts', what are the American spacepersons called?
-Astronauts
- Who is the first tourist of the space?
-60 years old Dennis Tito from California (2001 AD)
- What is the unit of measurement of time in the space?
-Nano second (1 nano second – 10 seconds)
- Known as the 'Father of Rockets', Godard launched his first flight of rocket on 18 March, 1926. What distance did the rocket travel in the test?
-148 feet in 2.5 seconds

- Which nation launched the Viking –I and II for the special study of the Mars? **-USA**
- What are the spacecraft's sent by the USSR for the study of the famous comet 'Helico'? **-Vega –I and II**
- What are the symbols of the Mars as that of the Jupiter is 'Giant Red Spot' and those of the Saturn are 'Rings'? **-Canals**
- What was the name of the spacecraft sent by the USA on 15 Oct/ 1997 for the study of the Saturn? **-Cassini**
- What is the name of the Indian Indian spacewoman who was travelling in 2003? **-Kalpana Chawala**
- In 1962 AD the USA sent a Chimpanzee to the space. What was its name? **-Eno**
- What was the first deceive satellite sent by the USA on 18 Aug, 1960? **-Corona**
What was the first deceive satellite sent by the USSR on 26 April 1962? **-Cosmos -4**
- When did the American spacecraft 'Apollo' and the Russian spacecraft 'Soyuz' meet in the space and exchanged best wishes along with their national flags? **-17 July, 1975**
- Which is the US president to announce the Apollo Campaign? **-John F. Kennedy (1961 AD)**
- From where was the first Indian spacecraft 'Aryabhata' launched? **-Boars Lake, (USSR) Third: Shelly Ride (USA)**
- Who was the first spaceperson from Britain? **-Ariel**
- What is the other name of American Strategic Defense Initiatives: SDU, the defense plan of using weapons from the space or nullifying those there? **-Star War**
- If Cape Canaveral or Cape Kennedy of Florida is the famous space launching area of the USA, what is that of Russia? **-Bikaner**
- If the symbols of the Saturn are called 'Rings', what are the symbols of the Mars called? **-Canals**

- When did China launch its spacecraft Shenzhen -7 with 3 space trekkers under its first space trekking programmed? **-25 Sep, 2008**
- Who is the first Chinese to travel into the space as a space trekker? **-Jhang Jhiyang (27 Sept, 2008)**
- When did scientists working to discover the mystery about the origin of the universe have largest test 'LHC' test? **-10 Sep, 2008**
- What is the name of the first Indian un-manned spacecraft? **-Chandrayan -1(launched on 14 Nov, 2008)**
- If the symbols of the Saturn are the called 'Rings', what are the symbols of the Mars called? **-Canals**

HEALTH

- Which is the first country to legislate laws in the field of public health? **-Britain**
- How does malaria transmit? **-From the bite of female mosquito of anopheles species**
- Who discovered the germs of tuberculosis (TB) for the first time? **-Robert Koch (1822 AD)**
- What is the vaccine against TB? **-BCG**
- What is the full form of BCG **-Bacillus Calmetset Guerin**
- When is the child given BCG vaccine? **-Once within a year of birth**
- When is the child given the vaccine against measles? **-When the child is nine month**
- What is the vaccine that is given against diphtheria, whooping cough and tetanus? **-DPT**
- When is the DPT vaccine given? **-After six weeks to one year of the birth of the child (3 doses)**
- What is the vaccine given against paralysis? **-Polio**
- When is the polio vaccine given to the child? **-After six weeks to one year after birth (3 doses)**
- What is the vaccine given against tetanus? **-TT**

- What germ causes cholera? **-Vibrio Cholera**
- What is the inventor of vaccine?
-Edward Jenor Syndrome (Britain, 1796)
- What is the full form of AIDS?
-Acquired Immune Deficiency Syndrome
- When and where was HIV/AIDS found? **-1981, USA**
- Which organ of the body is infected in Hepatitis B? **-Liver**
- What are the diseases transmitting through physical contact called?
-Contagious diseases
- Which scientist invented oxygen? **-J. Priestley**
- Which is the first vitamin causes rashes in the month and lops?
-Vitamin B
- What is the disease spreading over many countries called?
-Pandemic
- Which vaccine is given to women of 15 -49 age group against tetanus? **-TT**
- What is the full form of DPT? **-Diphtheria Pertussis Tetanus**
- Where is the smallest bone of the human body?
-In ear (Stapes bone)
- Where is the longest bone of the human body? **-In thigh**
- Usually after how long after birth is the weight of a child double?
-After 3 months
- Lack of which vitamin causes scurvy **-Vitamin C**
- What vitamin deficiency causes pellagra? **-Vitamin B**
- What is meant by dehydration? **-Severe loss of body water**
- What is meant by antenatal care?
-Care given before the birth of the child
- What is the act of contraction and expansion of the various part of the heart known as? **-Pacemaker**
- What is the instrument that is used to listen to mainly breathing and heartbeat called? **-Stethoscope**
- Which is the largest gland of the human body? **-Liver**

- What is the adding of necessary nutrients to food called?
-Fortification
- What is the length of the small intestine of the human body?
-About 5 meter
- What are the five sense organs of the body?
-Eye, Ear, Mouth, Tongue and skin
- What are five working organs of the body?
-Hands legs, Mouth, , Anus, Urinary Tract
- What causes the disease 'rickets' wasting of the bones?
-Lack of Vitamin D
- What is the pulse rate of a healthy adult person **-About 72/minute**
- How does Kalajar transmit?
-From the bite of an insect called sand fly
- In which method is the milk serialized and made safer to drink?
-Pasteurization
- What disease is caused by the deficiency of iodine? **-Goiter**
- What is the full form of DOTS that is used in the treatment of TB?
-Directly Observed Treatment System
- Who is the invent of antibody penicillin? **-Alexander Fleming**
- What is meant by anemia?
-State of having low level of hemoglobin in blood
- For the examination of which body organ is ECG used **-Heart**
- What vitamin deficiency causes night blindness? **-Vitamin A**
- What is the suitable time of weaning a child **-After six months**
- What is meant by diarrhea?
-Discharge of watery stool for 3 or more times in a day
- Which vitamin helps to heal a wound? **-Vitamin C**
- What is meant by sterilization?
-Act of killing germs of an instrument of and object
- How many times should a pregnant women have antenatal check in minimum **-Four times**
- What is the normal weight of a newly born baby? **-2.5-3 kg**
- What is the average body temperature of healthy person? **-98.4°F**

- What should be the proportion of cereals and beans in making the sarcottam pitho (nutritious diet)?
-
-Soybean 2 parts, wheat and corn 1 part each
- What is the diagnosis test of typhoid called **-Widal Test**
- In which part of the body does measles first appear? **-Face**
- What part of the eye is used after its donation? **-Cornea**
How far should a pit latrine be from a water source?**-At least 50 fit**
- Which part of the eye motibindu (cataract) related to? **-Lens**
- What vitamin is found in an egg? **-Vitamin A,B and D**
- What are the fat soluble vitamins? **-Vitamins A,D,E, an K**
- Which acid is used in digestion? **-Hydrochloric acid**
- Which vitamin plays vital role in blood clotting by producing prothrombia in the lever? **-Vitamin K**
- Which vitamin is found in the rainwater? **-Vitamin B₁₂**
- Which bacteria convert milk into curd **-Lactobacillus**
- What is the concentration of salt in human body? **-0.9%**
- How many types of minerals are there in our body? **-13**
- If there are 24 bones in a human head, how many bones are there in five figures of a human band? **-14**
- Who discovered the grim of typhoid? **-E. Worth**
- How many types of nutrients are there? **-6**
- Who is the first person to carry out the successful transplantation of heart? **-Dr.Charistian Bernard**
- How many types of muscles are there in a human body? **-3**
- How many bones are there in a human body? **206**
- Who discovered the process of blood circulation in the human body? **-William Harvey**
- What are the water soluble vitamins? **-Vitamin B and C**
- Which germ causes whooping cough? **-Bordetella Pertussis**
- Who is the inventor of penicillin? **-Alexander Fleming**
- Who is the developer of the method of homeopathic treatment?
-Dr, Samuel Hahnemann
- Which tree is called the tree of medicine? **-Neem**