

- 1- Shark breathes through
(a) Lungs (b) Fins (c) Scales (d) Gills
- 2- Classification of animals help us to know about their
(a) Weight (b) Similarities (c) Number (d) Colour
- 3- The gases in Sun include
(a) Helium & Hydrogen (b) Oxygen & Helium
(c) Chlorine & Hydrogen (d) Hydrogen & Nitrogen
- 4- Which of the following is a planet?
(a) Earth (b) Moon (c) Pluto (d) Sun
- 5- A fuse is used as a
(a) Door Bell (b) Security Alarm
(c) Circuit Breaker (d) Galvonometer
- 6- The meter used to measure electric current is :
(a) Thermometer (b) Ammeter
(c) Voltmeter (d) Barometer
- 7- Electric current is due to the flow of which of the following particles ?
(a) Neutrons (b) Protons (c) Electrons (d) Atoms
- 8- An example of opaque substance is :
(a) Tissu-paper (b) Tracing-paper (c) Water (d) Steel
- 9- A bar that turns about a fixed-point is called a/an :
(a) Pulley (b) Wedge
(c) Clever (d) Inclined plane
- 10- Change of vapours into water is called :
(a) Evaporation (b) freezing
(c) Melting (d) Condensation
- 11- Regular arrangement of particles is present in :
(a) Sugar (b) Milk (c) Honey (d) Water
- 12- Apple plant-belong to.
(a) Fungi (b) Canifers
(c) Dicots (d) Monocots

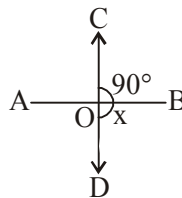
- 13- Number of petals in a flower of monocot plant may be :
(a) 4 (b) 6 (c) 8 (d) 10
- 14- Which of the following is the cause of infection in our body ?
(a) Vaccines (b) Germs
(c) Antibiotics (d) Antibodies
- 15- The main cause of cholera is :
(a) Land-pollution (b) Noise-pollution
(c) Air-pollution (d) Water-pollution
- 16- What is the Universal solvent ?
(a) Sulphuric-Acid (b) Aqua-Regia
(c) Hydrochloric-Acid (d) Water
- 17- Where is the Sea of Tranquility ?
(a) Near the barmunda Triangle (b) In the Atlantic Ocean
(c) On the Moon (d) In the Pacific Ocean
- 18- Who discovered the Circulation of blood ?
(a) Hargobind Khurana (b) William Harvey
(c) Edward Jenner (d) Louis-Pasteur
- 19- Which of the following has an Organic Origin ?
(a) Sand (b) Nylon (c) Coul (d) Bakelite
- 20- Who discovered Pencillin ?
(a) Watson & Crick (b) Sir Alexander Fleming
(c) Robert Koch (d) Louis Pasteur
- 21- The atom is made of :-
(a) Positrons, Neutrons, & Electrons
(b) Protons and Quarks
(c) Neutrinos, Gamma Rays and Positrons
(d) Protons, Neutrons & Eletrons
- 22- Which gas evolves when charcoal is burnt ?
(a) Oxygen (b) Ozone (c) Nitrogen (d) Carbondioxide

- 23- What is the total number of bones in the body ?
(a) 32 (b) 196 (c) 206 (d) 512
- 24- What is the name given to molten rocks erupted by a Volcano ?
(a) Geyser (b) Firestone (c) Lava (d) Crater
- 25- The animal kingdom is formally-classified into major groups known as :-
(a) Families (b) Sub phyla (c) Phyla (d) Orders
- 26- Who invented the Miner's safety-lamp ?
(a) Sir Frank Whittle (b) Sir Humphrey Davy
(c) Alexander Graham Bell (d) Thomas Alva Edison
- 27- The three methods of Science are - observation, experimentation and.....
(a) inference (b) measurement (c) deduction (d) hypothesis
- 28- Who wrote the book "The Origin of Species" ?
(a) Charles Darwin (b) Stephen Hawking
(c) Sir Alexander Fleming (d) Louis Pasteur
- 29- Enzymes and antibodies are mainly made of -
(a) Proteins (b) Fats (c) Vitamins (d) Carbohydrates
- 30- Which gas in the atmosphere protect us from harmful ultraviolet radiations ?
(a) Ozone (b) Carbon-dioxide (c) Nitrogen (d) Oxygen
- 31- Which of the following is necessary for burning (combustion) ?
(a) Petrol (b) Oxygen (c) Nitrogen (d) Carbon
- 32- If your diet is deficient in sour fruits then you are supposed to suffer from-
(a) Rickets (b) Beri-Beri (c) Scurvy (d) Night-blindness
- 33- is a good conductor of electricity,
(a) Metal (b) Rubber (c) Plastic (d) All of these
- 34- A small baby plants coming out of seed is called
(a) Grain (b) Root (c) Dispersal (d) Seeding
- 35- The Substance imparts green colour to the plants is known as :-
(a) water (b) chlorophyll (c) carbon dioxide (d) calcium

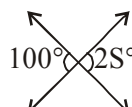
- 36- Which of the following is equal to $\frac{1}{3}$?
- (a) $\frac{1}{6} + \frac{1}{6}$ (b) $\frac{7}{12} - \frac{1}{6}$ (c) $\frac{1}{2} \times \frac{1}{6}$ (d) $\frac{5}{6} \div \frac{2}{3}$
- 37- How many hundredths are there in 0.7?
- (a) 7000 (b) 700 (c) 70 (d) 7
- 38- $\frac{4}{5}$ Kg of fish and 2Kg of squid cost Rs 52, $\frac{1}{4}$ Kg of fish and 1 Kg of squid cost Rs.23., Find the cost of 3 kg of squid?
- (a) 54 (b) 50 (c) 20 (d) none of these
- 39- Express 60cm as fraction of 2m in its simplest form
- (a) $\frac{1}{120}$ (b) $\frac{1}{30}$ (c) $\frac{3}{10}$ (d) $\frac{4}{5}$
- 40- Find the ratio of the shaded parts to the unshaded parts



- (a) 5:11 (b) 5:16 (c) 11:5 (iv) 11:16
- 41- Find a number which is a multiple of all the numbers from 1 to 10.
- (a) 5040 (b) 1260 (c) 720 (d) 1440
- 42- Find the value of $3 \times 3 \div 3 \times 3$
- (a) 9 (b) 1 (c) 3 (d) None of these
- 43- If $a < 0$, which of the following four numbers is the greatest?
- (a) a (b) 2a (c) 4a (d) 8a
- 44- What is the missing number in the box?
- $$1\frac{2}{5} + 1\frac{2}{5} + 1\frac{2}{5} + 1\frac{2}{5} = \square \times \frac{7}{5} + 1\frac{2}{5}$$
- (a) 3 (b) 0 (c) 2 (d) None of these
- 45- What is the missing number in the box? $100 \times \square + 2\frac{1}{2} = 3\frac{1}{2}$
- (a) .001 (b) .01 (c) .1 (d) 1.0
- 46- In the given figure find $\angle DOB$



- (a) 90° (b) 180° (c) 130° (d) None of these
- 47- If $x = \frac{6}{25}$ and $y = \frac{3}{5}$, then the value of $\frac{x}{y}$ is
- (a) $\frac{6}{5}$ (b) $\frac{18}{125}$ (c) $1\frac{2}{5}$ (d) None of these

- 48- If $x = \frac{2}{3} + \frac{3}{4}$ and $y = \frac{3}{4} + \frac{5}{6}$, then the value of $\frac{1}{x} \div \frac{1}{y}$ is
 (a) $\frac{11}{38}$ (b) $\frac{17}{38}$ (c) $\frac{22}{17}$ (d) $\frac{19}{17}$
- 49- If $\frac{3}{2} \times x \times \frac{6}{3} = 3\frac{3}{4}$, then the value of x is
 (a) $\frac{3}{4}$ (b) $\frac{4}{3}$ (c) $\frac{5}{4}$ (d) None of these
- 50- What is the value of s in the given figures.

 (a) 100° (b) 80° (c) 50° (d) 130°
- 51- In a class there are 28 boys and 14 girls, What fraction of the pupils are girls
 (a) $\frac{1}{3}$ (b) $\frac{1}{4}$ (c) $\frac{1}{5}$ (d) $\frac{1}{6}$
- 52- A fruit seller had 68975 oranges, He packed them in the boxes with each box containing 325 oranges, Find the number of boxes
 (a) 225 (b) 315 (c) 215 (d) 205
- 53- Latika takes 3 mintutes 20 seconds to finish reading of one page of a story book, If the book has 42 pages, How long will she takes to finish?
 (a) 22 Min. 20 Sec. (b) 1 Hr 24 Min (c) 134.4 Min. (d) 2 Hrs 20 Min
- 54- The cost of $3\frac{1}{2}$ kg of sweets is Rs. $185\frac{1}{2}$, Find the cost of 1 Kg of sweets.
 (a) Rs. 55 (b) Rs 53 (c) Rs 88 (d) Rs 65
- 55- 68 people can travel in one bus. How many buses will be needed for 1904 people giving on a pilgrimage?
 (a) 27 (b) 28 (c) 26 (d) 29
- 56- Which two fractions are equivalent?
 (a) $\frac{5}{2}$ and $\frac{2}{5}$ (b) $\frac{4}{3}$ and $\frac{8}{6}$ (c) $\frac{1}{4}$ and $\frac{2}{4}$ (d) $\frac{2}{3}$ and $\frac{1}{3}$
- 57- $5 \div \frac{1}{7}$
 (a) $\frac{5}{7}$ (b) $\frac{6}{7}$ (c) $\frac{1}{35}$ (d) 35
- 58- The value of $x + x(x^x)$ when $x=2$ is
 (a) 10 (b) 16 (c) 18 (d) 36
- 59- Take away one tenths three times from 1 and you are left with
 (a) 0.3 (b) 0.7 (c) 0.1 (d) None of these
- 60- Find the odd one out
 (a) 15 (b) 21 (c) 27 (d) 31