Multiple Choice Questions (MCQs)

(for 3rd Term)

CLASS: VI

SUBJECT: MATHEMATICS

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Chapter – 10

Question 1) The money which is paid by the purchaser to buy an article is called
(a) cost price (b) selling price (c) profit (d) loss

Question 2) The price at which an article is sold to the customer is called the
(a) selling price (b) cost price (c) profit (d) loss

Question 3) If the S.P (selling price) of the article is more than its cost price, then the article is said to be sold
(a) at a profit (b) at a loss

Question 4) If the selling price of the article is less than its cost price, then the article is said to be sold
(a) at a loss (b) at a profit

Question 5) Overhead charges are always added to the
(a) cost price (b) selling price (c) profit (d) loss

Question 6) Gain or loss is expressed as a percentage of
(a) The selling price (b) the cost price

Question 7) If the profit is given to be 30% it means if the cost price is Rs.100, the selling price is
(a) Rs.130 (b) Rs.30 (c) Rs.100

Question 8) One dealer buys an article for Rs.100 and sells it for Rs.101, his profit is
(a) Rs.10 (b) Rs.1 (c) Rs.100 (d) Rs.110

Question 9) If cost price is Rs.500 and actual profit is Rs.25 then profit% is
(a) 5% (b) 15% (c) 50%

Question 10) Shyam sold a book for Rs.120 at a profit of Rs.40, the cost price will be
(a) Rs.80 (b) Rs.160 (c) Rs.140

Question 11) If C.P= Rs.30, SP=Rs.42 then there is a
(a) loss of Rs.12 (b) profit of Rs.12 (c) Profit of Rs.30

Question 12) When S.P= Rs.200, loss= Rs.40 then C.P is
(a) Rs.240 (b) Rs.160 (c) Rs.200

Question 13) If the cost price Rs.100 and selling price is Rs.120 then the profit percent is
(a) 20% (b) 30% (c) 40% (d) 10%

Question 14) Shyam sold a book for Rs.120 at a profit of Rs.40. His profit percent is
(a) 50% (b) 40% (c) 60%

Question 15) If selling price is Rs.40 and loss= Rs.10 then cost price is
(a) Rs.50 (b) Rs.30 (c) Rs.10 (d) Rs.40

Question 16) Ram purchased a Janata Flat for Rs.8,50,000. He spent Rs.30,000 on repairs and white washing and then sold. The total C.P is
(a) Rs. 8,80,000 (b) Rs. 8,20,000

Question 17) By selling a laptop for Rs.23,000, a dealer earns a profit of 15% its cost price is
(a) Rs.20,000 (b) Rs.15,000 (c) Rs.38,000

Question 18) A fruit seller bought 150 dozen bananas at Rs.20 per dozen. His overhead expenses were Rs.200.
(a) Rs.3000 (b) Rs.3,200 (c) Rs.2800

Question 19) If a shopkeeper sells a wrist- watch for Rs.720 makes a profit of 20%, its cost price is
(a) Rs.740 (b) Rs.500 (c) Rs.600 (d) Rs.720

Question 20) Neetu buys a dress for Rs.2000 and sells it at 10% loss. Its selling price is
(a) Rs.1800 (b) Rs.2000 (c) Rs.1500 (d) Rs.1600

Question 21) Samar purchased a bicycle for Rs.4200, and spent Rs.800 on its repairs. He had to sell it for Rs.4500. Then there is a
(a) loss of 10% (b) Gain of 10%

Question 22) Jai bought a pen for Rs.70 and sold it for Rs.63. Then there is a
(a) Profit of Rs.7 (b) Loss of Rs.7

Question 23) By selling a refrigerator for Rs.16875, a profit of Rs.1875 is made then the cost price of the refrigerator is
(a) Rs.15000 (b) Rs.16000 (c) Rs.14000 (d) Rs.14500

Question 24) The cost price of the shirt which is sold for Rs.150 at a loss of Rs.100.
(a) (b) (c) (d)

Question 25) Suman purchased a microwave for Rs.6500 and sold it at a profit of 24% the selling price of microwave
(a) Rs.1560 (b) Rs.1650 (c) Rs.1600 (d) Rs.1500

Chapter – 11

Question 1) To measure speed, you should know, total distance covered and total _____.
(a) temperature (b) Pressure (c) time

Question 2) A speed of 60 kilometres per hour means a distance of 60 kilometres in a time span of
(a) 1 hour (b) 2 hours (c) 10 hours

Question 3) 1km./hr = _____ m/sec.
(a) $\frac{5}{18}$ (b) $\frac{18}{5}$

Question 4) A boy took $4\frac{1}{2}$ hours to complete a 42km Marathon. What was his average running speed?
(a) $12\frac{1}{9}$ km/hr (b) $10\frac{1}{9}$ km/hr (c) $9\frac{1}{3}$ km/hr (d) $9\frac{2}{9}$ km/hr

Question 5) If you travel 60km in 4 hours, your average speed =
(a) 15km/h (b) 10km/h (c) 20km/h

Question 6) 144 km/hr = _____ m/sec.
(a) 45m/sec (b) 40m/sec (c) 35m/sec

Question 7) 30m/sec = _____ km/h
(a) 108km/h (b) 100km/h (c) 118km/h

Question 8) The distance run by a horse in 20 seconds at a speed of 15m/sec = _____
(a) 350m (b) 300m (c) 250m (d) 400m

Question 9) Which of the following is the slowest speed?
(a) $6\frac{1}{2}$ km/h (b) 90m/min (c) $\frac{1}{2}$ km/min (d) 3km/sec

Question 10) A car moves at a speed of 54km/hr the speed of the car in metres per second is
(a) 5m/sec (b) 25m/sec (c) 15m/sec (d) 35m/sec

Question 11) A car is running at a speed of 99 km/hr. What distance will it cover in 30 seconds?
(a) 825m (b) 800m (c) 850m (d) 875m

Question 12) A motorist covers a distance of 1500m in 1 min 12 sec the speed of the motorist in m/sec is
(a) $\frac{125}{6}$ m.sec (b) $\frac{1500}{70}$ m/sec (c) $\frac{126}{5}$ m/sec

Question 13) Madhur cycled at an average speed of 15 km.hr for 10km. He then cycled another 8 km at an average speed of 12km/hr the total time for the journey is
(a) $\frac{4}{3}$ hr (b) $\frac{3}{4}$ hr (c) $\frac{4}{5}$ hr

Question 14) A train is moving at a speed of 90km/hr. If the length of the train is 100m, time taken by it to cross a railway platform 125m long is
(a) 9sec (b) 19sec (c) 8sec

Question 15) A truck and a Van started off at 9a.m. from opposite ends of a highway. The truck travelled at a speed of 40km/hr and the Van at a speed of 62km/hr. If they passed each other at 12noon, length of the highway is.
(a) 320km (b) 300km (c) 306km

Question 16) A cyclist travels 12km in 36minutes. If he continues to travel at this speed, the time he will take to cover another 120km is
(a) 6hr (b) 5hr (c) 4hr

Question 17) How many minutes are saved by travelling 30km at 90km/hr instead of 80km/hr?
(a) $2\frac{1}{2}$ min (b) 5min (c) 20min (d) 18min

Question 18) A car travels 42km/hr for 1 hour, 36km/hr for $\frac{3}{4}$ hour and 40km/hr for 15 minutes. Its average speed for the whole journey is
(a) 38km/hr (b) 40km/hr (c) 39.5km/h (d) 37.5km/hr

Question 19) Jagriti drove home at an average speed of 60km/hr for a journey of 20km. If he wanted to reach 5 minutes earlier, the average speed at which he should drive is
(a) 80km/h (b) 78km/h (c) 70km/hr

Question 20) Mr. Verma drive 60km/hr for 45 minutes. His wife took over and drove another 15km in 5 minutes. The average speed of the car for the whole journey was 72km.hr. Then Mr. Verma drove _____
(a) 45km (b) 40km (c) 50km

Question 21) Gunjan travelled at an average speed of 80km/hr to Town x. She took 8 hours to reach Town x. Time taken by Alia to travel to town x, if she travelled at 75% of Gujan's speed is
(a) 2 hours (b) $4\frac{1}{2}$ hours (c) 3 hours (d) 8 hours

Question 22) A man on tour travels first 160km at 64km/hr and the next 160km at 80km/hr. The total time is
(a) $\frac{9}{2}$ hr (b) $\frac{5}{2}$ hr (c) 2hr

Question 23) A rocket travels 88 kilometres in 8 seconds. Distance it travelled in 1 second is
(a) 8km (b) 11km (c) (88×8)km

Question 24) Distance =
(a) S×T (b) $\frac{S}{T}$ (c) $\frac{T}{S}$

Question 25) Time =
(a) $\frac{S}{D}$ (b) $\frac{D}{S}$ (c) DXS

Chapter – 12

Question 1) $(-5)^2$ =
(a) -10 (b) 10 (c) -25 (d) 25

Question 2) 3^5 =
(a) 15 (b) 243 (c) 234

Question 3) $(-6)^3$ =
(a) -18 (b) 18 (c) -216 (d) 216

Question 4) 8 =
(a) 2^2 (b) 2^3 (c) 2^4 (d) none of these

Question 5) $(-5)^2 \times 3$ =
(a) 30 (b) -30 (c) 75 (d) -75

Question 6) $2^3 + 3^4$ =
(a) 18 (b) 8 (c) 89 (d) 98

Question 7) $(5^3)^2$ =
(a) 5^5 (b) 5^6 (c) 5^{32}

Question 8) $2^2 \times 5^2$
(a) 40 (b) 100 (c) 29

Question 9) $(-1)^{63}$
(a) 63 (b) -1 (c) +1

Question 10) Which of the following are not perfect squares
(a) 1 (b) 4 (c) 6 (d) 16

Question 11) Which number is both a perfect square and a perfect cube?
(a) 125 (b) 100 (c) 64 (d) 512

Question 12) Square of $\left(\frac{1}{-5}\right)$ is
(a) $\frac{1}{25}$ (b) $\frac{1}{-25}$ (c) $\frac{1}{10}$ (d) $\frac{1}{-10}$

Question 13) The value of $x^3 - y^3$ if x = 3 and y = -1
(a) 28 (b) 26 (c) 27

Question 14) The value of $(5^{30}\times5^{20}) \div (5^4)^5$ is
(a) 5^{50} (b) 5^{30} (c) 5^{20}

Question 15) Cube of 3 is
(a) 6 (b) 27 (c) 9

Question 16) 2401 as power of 7 is
(a) 7^4 (b) 7^3 (c) 7^5

Question 17) $(-4)^3 \times (-2)^3$
(a) 512 (b) 521 (c) -20 (d) 36

Question 18) $10^{12} \div 10^9$ is equal to
(a) 10^{21} (b) 10^3 (c) 10^{-3}

Question 19) The prime factorization of 108 in exponential form
(a) $2^2\times3^3$ (b) $2^3\times3^2$ (c) $2^2\times3^2$ (d) $2^3\times3^3$

Question 20) The prime factorisation of 216 in exponential form
(a) $2^3\times3^3$ (b) $2^2\times3^2$ (c) $2^3\times3^2$ (d) $2^4\times3^2$

Question 21) The prime factorisation of 256 in exponential form
(a) 2^8 (b) 2^6 (c) 2^7

Question 22) $\left(\frac{3}{4}\right)^2 \times \left(\frac{1}{3}\right)^3$ is equal to
(a) $\frac{1}{48}$ (b) $\frac{1}{16}$ (c) $\frac{1}{12}$

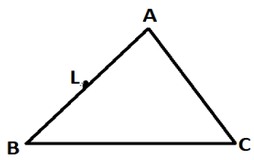
Question 23) Square of _____ is 64
(a) -8 (b) 8 (c) both a and b

Question 24) $6\times \left(\frac{3}{7}\right)^0$ is equal to
(a) 0 (b) 6 (c) 1 (d) none of these

Question 25) $1^0\times2^0\times3^0$ is equal to
(a) 3 (b) 1 (c) 0 (d) none of these

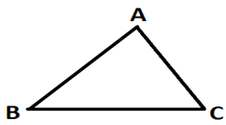
Chapter – 20

Question 1) In the given triangle ABC, the point L lies
(a) in the interior of ΔABC
(b) in the exterior of ΔABC
(c) on ΔABC

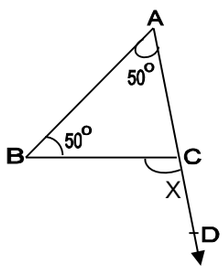


Question 2) Which of the following triangles is possible with the given three sides
(a) AB = 6cm BC = 2cm and AC = 5cm (b) AB = 11cm, BC = 5cm and AC = 6cm
(c) AB = 8cm, BC = 3cm and AC = 4cm (d) AB = 20cm, BC = 5cm and AC = 7cm

Question 3) The angle opposite to side AC in the given triangle is
(a) only ∠A (b) both ∠B and ∠A
(c) Both ∠B and ∠C (d) only ∠B

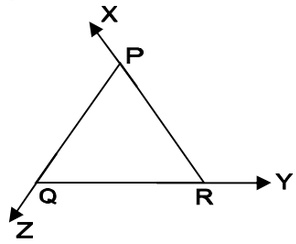


Question 4) The value of x in the given figure
(a) 120^0 (b) 100^0
(c) 80^0 (d) 60^0



Question 5) Which of the following is correct
(a) A triangle has 5 elements
(b) An equiangular triangle is also an equilateral triangle
(c) An exterior angle is equal to the sum of any two opposite interior angles.
(d) The sum of the lengths of any two sides of a triangle is smaller than the length of the third side.

Question 6) The exterior angle in the given triangle PQR are
(a) ∠XPQ, ∠RQZ, ∠XZY
(b) ∠XPQ, ∠XYZ, ∠PRY
(c) ∠XYZ, ∠RQZ, ∠PRY
(d) ∠XPQ, ∠RQZ, ∠PRY

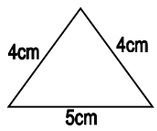


Question 7) Which of the following triangles is possible with the given interior angles?
(a) 36^0, 46^0, 80^0 (b) 46^0, 84^0, 50^0
(c) 106^0, 92^0, 70^0 (d)30^0, 44^0, 80^0

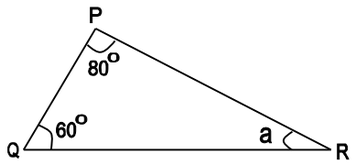
Question 8) If the angle of a triangle are in the ratio 3:4:5, then the angles of the given triangles are
(a) 75^0, 30^0, 75^0 (b) 55^0, 50^0, 75^0
(c) 45^0, 60^0, 75^0 (d) 75^0, 50^0, 55^0

Question 9) Which of the following is correct
(a) An isosceles triangle can be a right triangle
(b) A right triangle cannot be a scalene triangle
(c) A right triangle can be an equilateral triangle
(d) An obtuse triangle cannot be an isosceles triangle

Question 10) The given triangle is an
(a) isosceles triangle (b) Scalene triangle
(c) obtuse angled triangle



Question 11) In the given triangle PQR, value of a is
(a) 35^0 (b) 30^0 (c) 40^0



Question 12) In an equilateral triangle each angle is of
(a) 30^0 (b) 60^0 (c) 90^0

Question 13) A triangle has one right angle. What could be the measure of the other two angles?
(a) 30^0 and 15^0 (b) 60^0 and 20^0 (c) 30^0 and 70^0 (d) 20^0 and 70^0

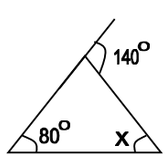
Question 14) A triangle cannot have more than
(a) one right angle (b) two obtuse angle (c) one acute angle

Question 15) If two acute angles of a right triangle are equal then the two angles are of
(a) 45^0 each (b) 40^0 each (c) 50^0 each

Question 16) If two angles of the triangle are 20^0, 80^0, then the third angle is of
(a) 80^0 (b) 100^0 (c) 90^0

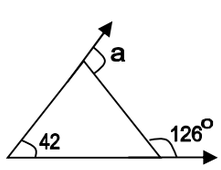
Question 17) If two angles of the triangle are 43^0, 65^0 then the third angle is of
(a) 62^0 (b) 72^0 (c) 82^0

Question 18) The value of x in the following figure
(a) 60^0 (b) 40^0 (c) 80^0



Question 19) One of the angle of a triangle is 130^0 It means given triangle is
(a) acute angled triangle (b) obtuse angled triangle

Question 20) The value of a in the figure
(a) 42^0 (b) 84^0
(c) 154^0 (d) 96^0



Question 21) A scalene triangle cannot be
(a) an acute angled triangle (b) an obtuse angled triangle
(c) a right angled triangle (d) equilateral triangle

Question 22) An obtuse angled triangle can be
(a) right angled (b) isosceles
(c) equilateral (d) none of these

Question 23) If the sum of two angles is an obtuse angle, then which of the following is not possible?
(a) one right angle and one acute angle (b) one obtuse angle and one acute angle
(c) two acute angle (d) two right angles

Question 24) If the sum of two angles is greater than 180^0, then which of the following is not possible?
(a) tow obtuse angles (b) two right angles
(c) one obtuse and one acute angle (d) one reflex and one acute angle

Question 25) If all the sides of a triangle are equal then
(a) each angle is of 60^0 (b) each angle is of 30^0
(c) each angle is of 50^0

Chapter – 21

Question 1) A quadrilateral has _____ diagonals
(a) tow (b) four (c) three

Question 2) Which of the following statements is false?
(a) A quadrilateral has four sides and four vertices
(b) A quadrilateral has four angles
(c) A quadrilateral has four diagonals
(d) A quadrilateral has two diagonals

Question 3) By joining any two points of a circle, we obtain its
(a) radius (b) chord (c) diameter (d) circumference

Question 4) If the radius of a circle is 4cm, then the length of its diameter is
(a) 2cm (b) 4cm (c) 8cm (d) 16cm

Question 5) A quadrilateral has _____ pairs of opposite sides and _____ pairs of opposite angle.
(a) two (b) four (c) six

Question 6) All _____ of a circle are equal in length
(a) radii (b) segment (c) chords

Question 7) The length of a diameter is _____ its radius
(a) twice (b) thrice (c) half

Question 8) A chord of a circle divides its circular region into _____ parts
(a) two (b) four (c) six

Question 9) The part of the circlular region of the plane enclosed by an arc of a circle and its two bounding radii is called a _____ of a circle.
(a) segment (b) sector (c) are

Question 10) A quadrilateral whose each angle is a right angle is a
(a) trapezium (b) parallelogram (c) rhombus (d) rectangle

Question 11) A quadrilateral whose diagonals are equal and bisect each other at right angles is a
(a) parallelogram (b) rectangle (c) rhombus (d) square

Question 12) A quadrilateral- shaped photo- frame has all sides equal, which of the following is not a possible shape for the photo- frame?
(a) Square (b) Rectangle (c) Rhombus (d) Trapezium

Question 13) A figure is said to be regular if its sides are equal in length and angles are equal in measure, Can you identify the regular quadrilateral?
(a) Parallelogram (b) Rhombus (c) Square (d) Rectangle

Question 14) Which quadrilateral is not a parallelogram?
(a) Rectangle (b) Trapezium (c) Square (d) Rhombus

Question 15) Which of the following is double the radius of the circle?
(a) diameter (b) arc (c) segment (d) sector

Question 16) One fourth of the region of a circle is
(a) sector (b) segment (c) quadrant (d) none of these

Question 17) Two or more circles with the same centre are called
(a) tangent of circles (b) concentric circles (c) segment of circles (d) none of these

Question 18) Which of the following is not an example of a circle?
(a) one-rupee coin (b) book (c) wheel of a cycle (d) full moon

Question 19) If the radius of a circle is 2cm, then its diameter is
(a) 2cm (b) 3cm (c) 4cm (d) 6cm

Question 20) A part of the circumference is called an
(a) segment (b) sector (c) arc (d) quadrant

Question 21) A straight line which touches the circumference at only one point is _____
(a) tangent (b) secant (c) radius

Question 22) Half a circle is a
(a) quadrant (b) sector (c) semicircle

Question 23) A polygon with six sides is called
(a) heptagon (b) pentagon (c) hexagon

Question 24) The centre of the circle lies inside the _____ segment.
(a) major (b) minor (c) interior (d) exterior

Question 25) Which of the following is not true?
(a) All rhombus are parallels grams (b) Some trapezium are rectangles
(c) All squares are rectangles (d) Some rhombuses are squares

Chapter – 22

Question 1) The number of lines of symmetry of a scalene triangle is
(a) 0 (b) 1 (c) 2 (d) 3

Question 2) The letter F has
(a) one horizon line of symmetry (b) one vertical line of symmetry
(c) two lines of symmetry (d) no line of symmetry

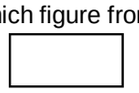
Question 3) The number of lines of symmetry of a rectangle is
(a) 0 (b) 1 (c) 2 (d) 4

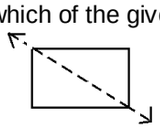
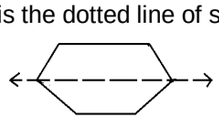
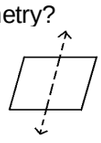
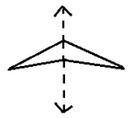
Question 4) A rhombus is symmetrical about
(a) each of its two diagonals
(b) each of its two lines joining the mid-points of opposite sides
(c) each of the perpendicular bisector of its sides.
(d) none of these

Question 5) The number of lines of symmetry of a circle is
(a) 4 (b) 8 (c) 16 (d) unlimited

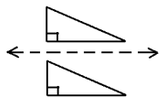
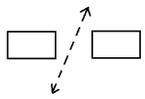
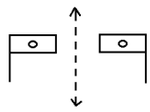
Question 6) Which of the following letters does not have any line of symmetry?
(a) B (b) T (c) Z (d) Y

Question 7) Which of the following letters does not have the vertical line of symmetry?
(a) A (b) H (c) M (d) E

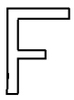
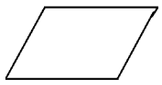
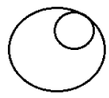
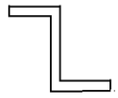
Question 8) Which figure from the following figures is not symmetrical with respect to any line?
(a)  (b)  (c)  (d) 

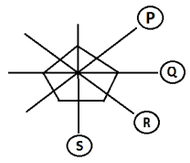
Question 9) In which of the given figure is the dotted line of symmetry?
(a)  (b)  (c)  (d) 

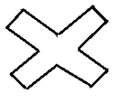
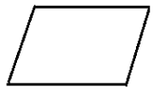
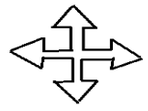
Question 10) Amongst the given figures, the one having maximum number of lines of symmetry is ;
(a) (b) (c) (d)

Question 11) Which of the two figures are mirror images of each other
(a)  (b)  (c) 

Question 12) A semicircle has _____ line/s of symmetry
(a) 0 (b) 1 (c) 2 (d) infinite

Question 13) Which of the following figure is symmetric?
(a)  (b)  (c)  (d) 

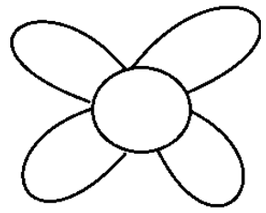
Question 14) Which line shows the line of symmetry for the given figure?
(a) P (b) Q (c) R (d) S 

Question 15) Which of the following figures does not have 4 lines of symmetry?
(a)  (b)  (c)  (d) 

Question 16) How many lines of symmetry are there in a rectangle that is not a square?
(a) 1 (b) 2 (c) 4 (d) 6

Question 17) How many lines of symmetry does a regular pentagons have?
(a) 1 (b) 2 (c) 4 (d) 5

Question 18) Which of the following letters does not have a vertical line of symmetry?
(a) M (b) H (c) E (d) V

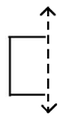
Question 19) How many lines of symmetry does the given flower have?
(a) 4 (b) 3 (c) 5 (d) 6 

Question 20) In a circle every _____ is a line of symmetry
(a) chord (b) diameter (c) both (a) and (b)

Question 21) Which of the following figure has no line of symmetry
(a) Parallelogram (b) Isosceles triangle (c) Circle (d) Semicircle

Question 22) A line of symmetry is also called a
(a) perpendicular line (b) Vertical line (c) mirror line

Question 23) A square has _____ lines of symmetry
(a) 2 (b) 3 (c) 4 (d) 5

Question 24) Which part completes the symmetrical part of the given figure. 
(a)  (b)  (c)  (d) 

Chapter – 25

Question 1) $1cm^3$ = _____
(a) $100m^3$ (b) $10m^3$ (c) $1000m^3$ (d) $10000m^3$

Question 2) $1m^3$ = _____ cm^3
(a) 10,00,000 (b) 1000 (c) 10,000 (d) 100,000

Question 3) $1000cm^3$ = _____ litre
(a) 1 (b) 10 (c) 100 (d) $\frac{1}{10}$

Question 4) 9.7 litres = _____ cm^3
(a) 9700 (b) 970 (c) 97 (d) 97000

Question 5) Capacity of a tank is 180KL. If the length and breadth of the tank are respectively 6m and 5m, its depth is
(a) 6m (b) 5m (c) 7m

Question 6) The volume of a cube of edge 4cm is
(a) $12cm^3$ (b) $64cm^3$ (c) $24cm^3$

Question 7) If the length of each edge of a cube is tripled, the change in it volume will be.
(a) 27 times of original (b) 9 times of the original

Question 8) The volume of a cube is $64cm^3$. Its surface area is
(a) $64cm^2$ (b) $32cm^2$ (c) $84cm^2$ (d) $96cm^2$

Question 9) The surface area of a cube whose edge is 15cm.
(a) $1350cm^2$ (b) $1250cm^2$ (c) $1150cm^2$ (d) $1050cm^2$

Question 10) A solid has _____ dimensions
(a) two (b) three (c) four

Question 11) A cube or cuboid have
(a) 6 faces (b) 12 faces (c) 8 faces (d) 4 faces

Question 12) A cuboid have
(a) 8 vertices (b) 12 vertices (c) 6 vertices

Question 13) A cube have
(a) 6 edges (b) 12 edges (c) 8 edges (d) 10 edges

Question 14) Three cubes of iron whose edges are 6cm, 8cm and 10cm are melted and formed into a single cube. The edge of the new cube formed is
(a) 16cm (b) 14cm (c) 12cm (d) 18cm

Question 15) The volume or space inside a hollow object is called its _____
(a) Area (b) Capacity (c) height

Question 16) The most common unit of capacity in the metric system is
(a) litre (b) millilitre (c) cm^3

Question 17) 1KL = _____ cm^3
(a) 1000000 (b) 100000 (c) 10000 (d) 1000

Question 18) A cubid measures 16cm × 10cm × 5cm. What happens to the volumes, when the dimensions of the cuboid are doubled?
(a) The volume reduces by one- half (b) The volume is multiplied by 2
(c) The volume is multiplied by $\frac{1}{8}$ (d) The volume is multiplied by 8

Question 19) A carpenter makes a letter box which has a volume of 15,000 cm^3. The base has an area of 750cm^2, What is the height of the letter-box?
(a) 20cm (b) 25cm (c) 30cm (d) 35cm

Question 20) A beam 9m long, 50cm wide and 20cm deep is made of wood which weighs 30kg per m^3, then the weight of the beam is
(a) 27kg (b) 18kg (c) 36kg

Question 21) A soap cake is of size 8cm×5cm×4cm, what is the number of such soap cakes that can be packed in a box measuring 56cm×35cm×28cm?
(a) 343 (b) 334 (c) 274

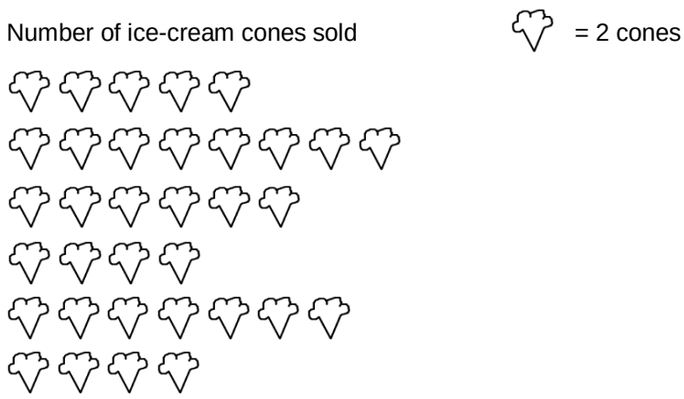
Question 22) A solid cube of edge 10cm is melted and cast into a cuboid whose base measures 20cm by 10cm. The height of the cuboid is
(a) 5cm (b) 4cm (c) 6cm

Question 23) What will happen to volume of a cube if its each edge is doubled? It will increase
(a) 8 times (b) 16 times (c) 6 times

Question 24) A company is deciding on which box to be used to package their product. The first box measures 15cm by 8cm by 6.25cm. The second box measures 18cm by 6cm by 5.5cm. Which box requires more material to make?
(a) first box (b) second box

Question 25) Total surface area of cube is
(a) $6l^2$ (b) $4l^2$ (c) $12l^2$

Chapter – 26



Question 1) The minimum number of ice cream cones were sold on.
(a) Monday (b) Saturday (c) Tuesday (d) Thursday

Question 2) The maximum number of ice cream cones were sold on
(a) Tuesday (b) Friday (c) Wednesday (d) Thursday

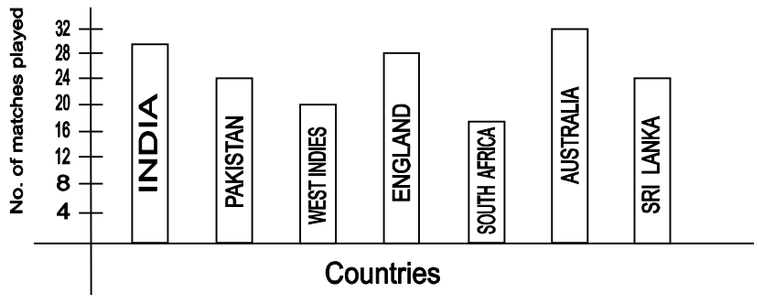
Question 3) Ratio of the number of ice cream cones sold on Saturday to the number of ice cream cones sold on Wednesday is
(a) 3:2 (b) 2:3 (c) 4:5 (d) 4:7

Question 4) Total number of ice cream sold during the whole week was :
(a) 33 (b) 67 (c) 65 (d) 57

Question 5) If the cost of one ice cream cone is Rs.20, then the sale value on Thursday was :
(a) Rs.70 (b) Rs.100 (c) Rs.140 (d) Rs.1340

Question 6) The mean of the first 6 odd natural numbers is
(a) 5 (b) 5.5 (c) 6 (d) 6.5

Question 7) The medium of the numbers 4,4,7,5,7,6,7,3,11 is
(a) 7 (b) 6 (c) 5 (d) 4



Question 8) Which country played maximum number of matches?
(a) India (b) England (c) Pakistan (d) Australia

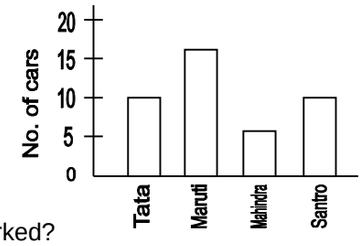
Question 9) How many matches did South Africa play?
(a) 16 (b) 18 (c) 20 (d) 24

Question 10) How many more matches were played by India than Pakistan?
(a) 6 (b) 12 (c) 24 (d) 30

Question 11) Ratio of the number of matches played by India to the number of matches played by Sri Lanka is
(a) 4:5 (b) 5:4 (c) 4:3 (d) 7:6

Question 12) The median of the numbers 3,1,0,6,5,3,4,1,2,2 is
(a) 2 (b) 2.5 (c) 3 (d) none of these

Question 13) Which car is of the minimum number in the parking lot?
(a) Mahindra (b) Maruti
(c) Tata (d) Santro

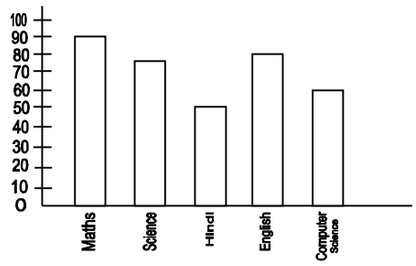


Question 14) Which cars had the same number of cars parked?
(a) Tata and Santro (b) Maruti and Tata (c) Maruti and Mahindra (d) Santro and Maruti

Question 15) What is the ratio of the number of Maruti cars to Mahindra cars?
(a) 5:2 (b) 2:5 (c) 3:1 (d) 1:3

Question 16) The total number of cars in the parking lot was
(a) 20 (b) 35 (c) 50 (d) 40

The following bar graph shows marks obtained by Ruchi in five subjects



Question 17) How many marks does she get in Science?
(a) 90 (b) 75 (c) 50 (d) 80

Question 18) In which subject does Ruchi get more than 70 marks?
(a) Math, Sci, Eng (b) Math, Science, Hindi (c) Science, Hindi (d) Computer

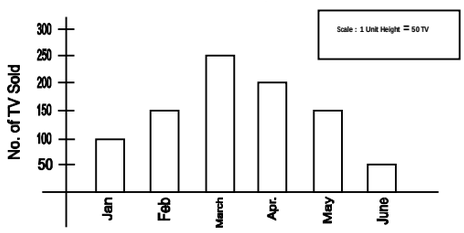
Question 19) In which subject does Ruchi get the lowest marks?
(a) Math (b) English (c) Computer Sc. (d) Hindi

Question 20) In which subject does Ruchi get the highest marks?
(a) Math (b) Hindi (c) Computer Sc. (d) English

Question 21) The mean and median of the given data 9,8,1,4,2,6 and 5 are respectively
(a) 6,6 (b) 5,5 (c) 5,6 (d) 6,5

Question 22) The median of 40,39,42,36,45,47,41,38 is
(a) 40 (b) 41 (c) 40.5 (d) 41.5

Observe the following bar graph, showing the number of TV sold by a distributor during the first six months of a particular year



Question 23) In which month the sale was minimum?
(a) June (b) Jan (c) May (d) Feb

Question 24) In which month the sale was maximum?
(a) Feb (b) April (c) March (d) May

Question 25) The number of TV sold during the first three month of the year.
(a) 500 (b) 600 (c) 700 (d) 250