School Activities

INDUSTRIAL TOUR VISIT AT GOKUL SNACK PVT. LTD.

TEACHERS DAY CELEBRATION

ANNUAL DAY FUNCTION

Std. (10) Assignment Book 2025

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Subjects :-
- Maths
- Science & Technology
- English
- Social Science

To Get an Admission in 11th Science for June - 2025

MCQ Test will be conducted with a Total of **50** Marks, comprising **20** Marks for **Maths, 20** Marks for **Sci. & Tech** and **10** Marks for **English**.

The Scholarship Scheme applies to both Education and Hostel fees for **Sem - 1.** Subsequent **Sem - (2,3** and **4)** depend on Round Test scores taken at School.

The Scholarship Scheme for FEE Reduction is as follow :

Ranks 1 to 10 Get	50 % Scholarship
Ranks 11 to 40 Get	25 % Scholarship
Ranks 41 to 100 Get	10 % Scholarship

The Entrance Test is Compulsory for Scholarship Eligibility.
Entrance Test : On Sunday after Completion of Std - 10th Board Exam.
Test will be taken only once at School.
Entrance Test Centre : Royal Science School - Dhoraji
Entrance Test Time : 11 to 12 P.M.

INDEX

Instructions :-

(1) This question paper consists 54 question in four section A, B, C & D.

(2) Questions consists general option.

(3) Number indicating on right side of section are marks of the questions.

(4) If required draw the figure.

(5) Write new section from new page. Also write answer in order.

(6) Use of calculater, smart watch or digital watch is prohibited.

(7) Writing should be readable.

Section - A ———————————————————————— **(24)**

■ **Answer the questions as indicated in instruction : (Que. No. 1 to 24)**
(Each Carries 1 Mark)

○ **Following question are multiple choice question : (Que. No. 1 to 6)**

(1) If the graph of $y = mx + 3$ passes through point $(2, 11)$, then m = ...
    [A] 4   [B] -4   [C] 1/4   [D] -1/4

(2) If the equation $2x^2 - kx + k = 0$ has equal roots, then k = ...
    [A] 0   [B] 4   [C] 8   [D] 0 or 8

(3) $2k + 1, 13, 5k - 3$ are consecutive terms of an AP then find k.
    [A] 17   [B] 13   [C] 4   [D] 9

(4) The distance of $M(x, y)$ from the origin $O(0, 0)$ is ....

    [A] $x^2 + y^2$ [B] $\sqrt{x^2 + y^2}$ [C] $\sqrt{x^2 - y^2}$ [D] $|x-y|$

(5) $\cos^4\theta - \sin^4\theta = ...$
    [A] $2\cos^2\theta + 1$ [B] $2\sin^2\theta + 1$ [C] $2\cos^2\theta - 1$ [D] $2\sin^2\theta - 1$

(6) In the formula $M = l + \dfrac{\left(\dfrac{n}{2} - cf\right)}{f} \times h$ for the median, $l = ...$

    [A] lower limit of the median class
    [B] cumulative frequency of the class preceding the median class
    [C] frequency of the median class
    [D] total frequency

○ **Fill in the blanks with approprite answes : (Que. no. 7 to 12)**

(7) A tangent intersects the circle in ...... point / points.
                               (Two, one and only one, More than one)

(8) HCF of the smallest prime number and the smallest composite number is ....
                                     (12, 4, 2)

(9) Mean of following frequency distribution is 2.6 then y = ...   (2, 4, 8)

x_i	1	2	3	4	5
y_i	4	5	y	1	2

(10) The nature of roots of the quadratic equation $4x^2 - 49 = 0$ are........

(11) $12 \sin\theta = 4 \cos\theta$ then $\cot\theta = ...$ (4, 3, 2)

(12) .... is sum of all probabilities of the primary events of sample space. $(1, -1, 0)$

○ **State whether the following statements are true or false : (Que. No. 13 to 16)**

(13) π is an irrational number

(14) 2 is one of the zero of polynomial $p(x) = x^2 - 6x + 8$.

(15) Quadratic equation $2x^2 - 4x + 3 = 0$ has no real roots.

(16) Probability of any event can't be zero.

○ **Answer the questions in one sentence : (Que. No. 17 to 20)**

(17) Find the common difference 'd' for an AP $-2, -6, -10, -14, ...$

(18) Two concentric circles are of radii 26 and 24. Find the length of the chord of the larger circle which touches the smaller circle.

(19) The mean of some data is 84. If 3 is added in every number and then divided them by 5 then find the new mean.

(20) Find the probability that a leap year has 53 Sundays.

○ **Match the following : (Que. No. 21 to 24)**

| **Part :- A**	**Part :- B**
(21) The curved surface area of a five rupee coin is	[A] $2\pi rh$
	[B] $2\pi rl$
(22) Total surface area of a closed Hemisphere is	[C] $2\pi r^2$
	[D] $3\pi r^2$
Part :- A	**Part :- B**
(23) 1 Liter = ... cm³	[A] 10
(24) 1 m² = ... cm²	[B] 100
	[C] 1000
	[D] 10000

Section - B   (18)

○ **Answer any 9 questions out of 13 questions (Que. No. 25 to 37)**
(Each Carries 2 Mark)

(25) Prove that $3 + 2\sqrt{5}$ is irrational.

(26) Solve the pair of equations : $\dfrac{2}{\sqrt{x}} + \dfrac{3}{\sqrt{y}} = 2 ; \dfrac{4}{\sqrt{x}} - \dfrac{9}{\sqrt{y}} = -1$

(27) Find the roots by factorisation : $\sqrt{2}x^2 + 7x + 5\sqrt{2} = 0$

(28) Find the sum of first 20 multiples of 7.

(29) In the given figure, $OA \times OB = OC \times OD$ then prove that $\angle A = \angle C$ and $\angle B = \angle D$
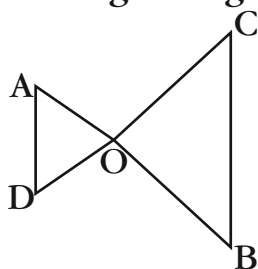
(30) If A, B and C are interior angles of triangle ABC, then show that $\sin^2 \dfrac{A}{2} + \sin^2 \left(\dfrac{B+C}{2} \right) = 1$.

(31) If $\sin(A - B) = \dfrac{1}{2}, \cos(A + B) = \dfrac{1}{2}, 0^\circ < A + B \leq 90^\circ, A > B,$ find A and B.

(32) Prove that the parallelogram circumscribing a circle is a rhombus.

(33) A medicine capsule is in the shape of a cylinder with two hemispheres stuck to each of its ends (see Fig.). The length of the entire capsule is 14 mm and the diameter of the capsule is 5 mm. Find its surface area.
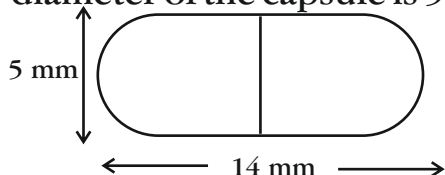
(34) The mean of following frequency distribution is 2.6 then find y

x	1	2	3	4	5
f	4	5	y	1	2

(35) From the following grouped data find $\dfrac{n}{2} - cf$.

Class	0-10	10-20	20-30	30-40	40-50
Frequency	5	15	13	17	10

(36) A die is tossed once. Find the probability of getting (i) an odd number (ii) Greater than 5.

(37)

Marks scored	20	25	28	29	33	38	42	43
Frequency		6	20	24	28	15	4	2	1

a) Find the probability of the students getting more than 40 marks.
b) Find the probability of the students getting less than 30 marks.

Section - C
(18)

○ **Answer any 6 questions out of 9 questions (Que. No. 38 to 46)**
(Each Carries 3 Mark)

(38) Solve the given pair of equations by Substitution Method :
$3x - y = 3$ ....(i)
$9x - 3y = 9$ ....(ii)

(39) Solve the following pair of linear equations by the Elimination Method
$x + y = 5$ ....(i)
$2x - 3y = 4$ ......(ii)

(40) Find the sum : $(-5) + (-8) + (-11) + ... + (-230)$

(41) Find the coordinates of the point which is equidistant from the points A(5, 1), B(-3, -7) and C(7, -1).

(42) Verify that (5, -2), (6, 4) and (7, -2) are vertices of a isosceles triangle.

(43) Prove that the lengths of tangents drawn from an external point to a circle are equal.

(44) Two concentric circles are of radii 13 and 12 cm. Find the length of the chord of the larger circle which touches the smaller circle.

(45) A die is thrown once. Find the probability of getting
(i) a prime number.   (ii) a number lying between 2 and 6.   (iii) an odd number.

(46) The following data gives the information on the observed lifetimes (in hours) of 225 electrical components :

Lifetimes (in hours)	0 – 20	20 – 40	40 – 60	60 – 80	80 – 100	100 – 120
Frequency	10	35	52	61	38	29

Determine the modal lifetimes of the components.

Section - D — (20)

○ **Answer any 5 questions out of 8 questions (Que. No. 47 to 54)**
(Each Carries 4 Mark)

(47) Is the following situation possible ? The sum of the age of two friends is 15 years. Four years ago, the product of their ages in year was 36 years. If yes, than find the age of both friends.

(48) In a school, students thought of planting trees in and around the school to reduce air pollution. It was decided that the number of trees, that each section of each class will plant, will be twice the class in which they are studying e.g. a section of class I will plant 2 trees, a section of class II will plant 4 trees and so on till class XII. There are three section of each class. How many trees will be planted by the students ?

(49) In PQR, ∠P is a right angle M is a point on QR such that PM⊥QR. Prove that $PM^2 = QM \times MR$.
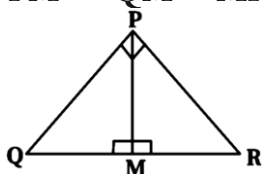
(50) State and Prove Basic Proportionality Theorem (Thales Theorem).

(51) The following frequency distribution give the monthly consumption of electricity of 68 consumers of a locality. The median of the given frequency distribution is 137 units. Find the number of consumers whose monthly consumption is between 105-125 and also for 145-165.

Monthly consumption in unit	65 – 85	85 – 105	105 – 125	125 – 145	145 – 165	165 – 185	185 – 205
No. of consumers	04	05	–	20	–	08	04

(52) The following table shows age of the patients admitted in a hospital. Find mode.

Age	5 – 15	15 – 25	25 – 35	35 – 45	45 – 55	55 – 65
No. of patients	6	11	21	23	14	5

(53) A game of chance consists of spinning an arrow which comes to rest pointing at one of the numbers 1, 2, 3, 4, 5, 6, 7, 8 (see Figure), and these are equally likely outcomes. What is the probability that it will point at
(i) 8 ?   (ii) an odd number ?
(iii) a number greater than 2 ?   (iv) a number less than 9 ?

(54) A box contains 90 discs which are numbered from 1 to 90.
If one disc is drawn at random from the box, find the probability that it bears
(i) a two-digit number   (ii) a perfect square number
(iii) a number divisible by 5.

Instructions :-

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Section - A ──────────────────────────────── **(24)**

■ **Answer the questions as indicated in instruction : (Que. No. 1 to 24) (Each Carries 1 Mark)**

⭕ **Following question are multiple choice question : (Que. No. 1 to 6)**

(1) If the graphs of equations $3x-y+8=0$ and $6x-ky=-16$ represent coincident lines, then k = ...

    [A] ½   [B] -½   [C] 2   [D] -2

(2) The discriminant $3x^2-6x+2=0$ is ....

    [A] -12   [B] 12   [C] -60   [D] 60

(3) If $a_3=8$ and $a_7=4$ then find a_{10}.

    [A] -4   [B] 28   [C] 32   [D] 36

(4) A (0, 0), B(0, 12) and C(5, 0) are the given points. Then, BC = ...

    [A] 5   [B] 12   [C] 13   [D] 6.5

(5) $\dfrac{2\tan 30^\circ}{1-\tan^2 30^\circ} = $ ....

    [A] cos 60°   [B] sin 60°   [C] tan 60°   [D] sin 30°

(6) Mean = 25 and mode = 25 then median = ...

    [A] 25   [B] 0   [C] 1   [D] 75

⭕ **Fill in the blanks with approprite answes : (Que. no. 7 to 12)**

(7) Find the probability that in one digit natural numbers, the number selected is an even.   (4/9, 1/9, 0)

(8) $a=pq^2$ and $b=p^3q$ where p and q are prime numbers then LCM (a,b) = ...

                              (p^2q^3, p^3q^2, p^2q^2)

(9) The sum of a number and its reciprocal is 17/4. The quadratic equation in standard form with integer coefficients is.....

(10) The common point of a circle and the tangent is called ....

                     (mid point, point of contact, circumcentre)

(11) For observations 1, 2, 3, 4 ; $\sum_{i=1}^{4} x_i^2 = $ ....   (30, 20, 10)

(12) $\cos\theta = $ ½ then $\sin\theta \cdot \csc\theta = $ ....   (1, 3, 5)

⭕ **State whether the following statements are true or false : (Que. No. 13 to 16)**

(13) The sum of two rational number is always rational.

(14) If the graph of polynomial intersects X-axis at only one point then polynomial can't be quadratic polynomial.

(15) A quadratic equation has at least two real roots.

(16) Probability of an event that one prime number is selected from 1 to 30 is 1/3.

○ **Answer the questions in one sentance : (Que. No. 17 to 20)**

(17) Name the type of the progression $-1.0, -1.5, -2.0, -2.5$ .....?

(18) As shown in figure, if PA=7 cm and $\angle$APB=60° then length of the chord AB.
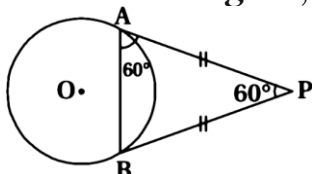
(19) Mean of the observations 6, 7, x, 8,y and 14 is 9 then find x+y.

(20) A card is drawn at random from a 12 face cards Find the probability that the card drawn is a king.

○ **Match the following : (Que. No. 21 to 24)**

| **Part :- A**	**Part :- B**
(21) The curved surface area of a cone is	[A] $2\pi rl$
(22) Total surface area of a sphere is	[B] πrl
	[C] $4\pi r^2$
	[D] $3\pi r^2$

Part :- A	**Part :- B**
(23) An orange with radius r is divided into four equal parts. The total surface area of each part is	[A] πr^2
	[B] $2\pi r^2$
	[C] $3\pi r^2$
(24) Total surface are of a closed hemisphere is	[D] $4\pi r^2$

○ **Section - B** ———————————————————— (18)

○ **Answer any 9 questions out of 13 questions (Que. No. 25 to 37) (Each Carries 2 Mark)**

(25) Find a quadratic polynomial whose sum and product of zeroes are respectively $-\frac{1}{4}$ and $\frac{1}{4}$.

(26) Find the roots of the following quadratic equations by factorisation : $2x^2+x-6=0$

(27) Find the roots of the following equations : $\dfrac{1}{x+4} - \dfrac{1}{x-7} = \dfrac{11}{30}, x \neq -4, 7$

(28) How many two-digit numbers are divisible by 3 ?

(29) For what value of n, are the nth terms of two APs : 63, 65, 67, ... and 3, 10, 17 ... equal ?

(30) Find the coordinates of the points of trisection (i.e., points dividing in three equal parts) of the line segment joining the points A(2, –2) and B(–7, 4).
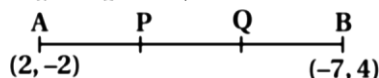
(31) Find the point on the X-axis which is equidistant from (2, –5) and (–2, 9).

(32) In $\triangle ABC$, right-angled at B, AB$=24$ cm, BC$=7$ cm. Determine :
   (i) sin A, cos A   (ii) sin C, cos C

(33) Evaluate the following : $\dfrac{\cos 45^\circ}{\sec 30^\circ + \cos ec 30^\circ}$

(34) The ladder is placed along a wall such that its upper end is touching top of the wall. The lower end of ladder is 3 m away from the wall. If the length of the ladder is 6 m, find the angle makes by the ladder with the wall.

(35) A solid is in the shape of a cone standing on a hemisphere with both their radii being equal to 1 cm and the height of the cone is equal to its radius. Find the volume of the solid in terms of π. (Use $\pi = 22/7$)

(36) Find the area of canvas that will be required to make a conical tent if the radius of base is 8.4 m and whose height is 3.5 m

(37) In a general notation, $l = 5, f_1 = 8, f_2 = 2, f_0 = 2$ and h $= 2$ then find mode.

Section - C   (18)

○ **Answer any 6 questions out of 9 questions (Que. No. 38 to 46)**
   **(Each Carries 3 Mark)**

(38) Solve the given pair of equations by Elimination Mthod :
   $s - t = 3$ ....(i) $\dfrac{s}{3} + \dfrac{t}{2} = 6$ .....(ii)

(39) Solve the given pair of equations by Substitution Method :
   $\dfrac{3x}{2} - \dfrac{5y}{3} = -2$ ....(i) $\dfrac{x}{3} + \dfrac{5y}{2} = \dfrac{13}{6}$ ....(ii)

(40) Find the sum : $7 + 10\dfrac{1}{2} + 14.... + 84$

(41) Find the ratio in which the line segment joining A(1, –5) and B(–4, 5) is divided by the X-axis. Also find the coordinates of the point of division.

(42) If the points A(6,1), B(8,2), C(9,4) and D(P,3) are the vertices of a parallelogram, taken in order. Find the value of 'P'.

(43) Prove that the angle between the two tangents drawn from an external point to a circle is supplementary to the angle subtended by the line-segment joining the points of contact at the centre.

(44) The length of the tangent drawn from the point 10 cm from the centre of a circle is 8 cm then find diameter of the circle.

(45) The following distribution shows the daily pocket allowance of children of a locality. The mean pocket allowance is Rs. 18. Find the missing frequency f.

Daily pocket allowance (in ₹)	11 – 13	13 – 15	15 – 17	17 – 19	19 – 21	21 – 23	23 – 25
Number of children	7	6	9	13	f	5	4

(46) A box contains 90 discs which are numbered from 1 to 90. If one disc is drawn at random from the box, find the probability that it bears,
   (i) a two digit number   (ii) a perfect square number
   (iii) a number divisible by 5.

Section - D ———————————————————————— (20)

○ **Answer any 5 questions out of 8 questions (Que. No. 47 to 54)**
  (Each Carries 4 Mark)

(47) A motor boat whose speed is 18 km/h in still water takes 1 hour more to go 24 km upstream than to return downstream to the same spot. Find the speed of the stream.

(48) In a potato race, a bucket is placed at the starting point, which is 5m from the first potato and the other potatoes are placed 3 m apart in a straight line. There are 15 potatoes in the line. A competitor starts from the bucket picks up the nearest potato, runs back with it, drop it in the bucket, runs back to pick up the next potato, runs to the bucket to drop it in and continues in the same way until all the potatoes are in the bucket what is the total distance the competitor has to run ? If the distance run by competitor is 1340 m then find the number of potatoes.

(49) From the given figure, find the value of x in the form of a, b and c.
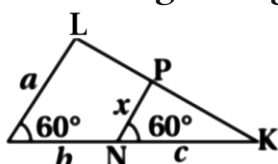
(50) State and Prove converse of Basic Proportionality Theorem.

(51) The following table gives the distribution of life time in hrs for 225 electric equipments. Find the mean life time.

Life time (in hrs)	0 – 200	200 – 400	400 – 600	600 – 800	800 – 1000	1000 – 1200
Frequency	9	35	50	61	38	32

(52) Find median of frequency distribution.

Class	0 – 10	10 – 20	20 – 30	30 – 40	40 – 50	50 – 60
Frequency	5	8	20	15	7	5

(53) A dice is thrown once. Find the probability of getting

(i) a prime number;   (ii) a number lying between 2 and 6;

(iii) an odd number.

(54) Two dice, one blue and one grey, are thrown at the same 77 time. Write down all the possible outcomes. What is the probability that the sum of the two numbers appearing on the top of the dice is

(i) 8   (ii) 13

(iii) less than or equal to 12

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Section - A ─────────────────────────────── **(24)**

■ **Answer the questions as indicated in instruction : (Que. No. 1 to 24)**
(Each Carries 1 Mark)

⦿ **Following question are multiple choice question : (Que. No. 1 to 6)**

(1) If the grpahs of equations $x-ky=2$ and $3x+2y=-5$ are intersecting lines then......
[A] $k=2/3$ [B] $k\neq-2/3$ [C] $k=3/2$ [D] $k\neq-3/2$

(2) Among the following equations, the sum of roots of equation .... is 3.
[A] $2x^2-3x+6=0$ [B] $-x^2+3x-3=0$ [C] $\sqrt{2}x^2+3x-3=0$ [D] $3x^2-3x+3=0$

(3) If $a = 2$ and $d = 4$ then find $S_{20} = ?$
[A] 600   [B] 800   [C] 78   [D] 80

(4) A(1, 2), B(2, 3) & C(3, 4) are given points. Out of the following which is false ?
[A] $AC+BC=AB$ [B] $AB+BC=AC$
[C] B is a midpoint of $\overline{AC}$ [D] A, B, C are collinear

(5) $2\cos 30°\times\sin 30°=\sin\theta$ then find the value of θ.
[A] 60°   [B] 45°   [C] 30°   [D] 90°

(6) $6, 7, x-2, x, 17$ and 20 are six observations in an increasing order with median 16 then $x =$ ....
[A] 15   [B] 16   [C] 17   [D] 18

⦿ **Fill in the blanks with approprite answes : (Que. no. 7 to 12)**

(7) If HCF $(12, 40)=40+4X$, then $X =$ .... $(-9, 9, 6)$

(8) Mean of first n even natural numbers is .... $\cdot\left[(n+1),\left(\dfrac{n+1}{2}\right), n(n+1)\right]$

(9) ...... are total number of outcomes while tossing two balanced dice togaether.
                                                          $(12, 24, 36)$

(10) If the equation $x^2+kx+25=0$ has equal roots, then $k =$ ....

(11) $2-\sec\theta\cdot\cos\theta =$ .... $(2, 8, 1)$

(12) A circle has .... of tangents. (only one, only two, Infinite numbers)

⦿ **State whether the following statements are true or false : (Que. No. 13 to 16)**

(13) If 3 is one zero of polynomial $p(x)=x^2-7x+k$ then $k=24$

(14) The equation $x^2-5x+6=0$ has real & equal roots.

(15) $\sqrt{8}$ is an irrational number.

(16) Probability of an event that Sun rises in east is 1.

⚪ **Answer the questions in one sentance : (Que. No. 17 to 20)**

(17) Find 31st term of an AP 101, 96, 91, ...

(18) PA and PB are tangents from an external point P to the circle with centre O. If = ∠OPB = 30° then find ∠AOB.
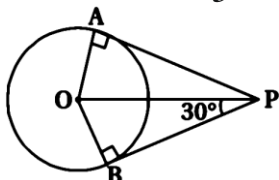
(19) Find the modal class of following distribution.

Class	0-10	10-20	20-30	30-40	40-50
Frequency	7	15	13	17	10

(20) What is the probability of certain (sure) event ?

⚪ **Match the following : (Que. No. 21 to 24)**

Part :- A	Part :- B
(21) 1000 Liter = _____ m^3	[A] 1
(22) $1\,cm^2$ = _____ m^2	[B] 0.01
	[C] 0.0001
	[D] 0.000001

Part :- A	Part :- B
(23) Volume of a five rupee coin is	[A] $\pi r^2 h$
(24) Volume of a Cone is	[B] ½ $\pi r^2 h$
	[C] ⅓ $\pi r^2 h$
	[D] ¼ $\pi r^2 h$

Section - B (18)

⚪ **Answer any 9 questions out of 13 questions (Que. No. 25 to 37)**
(Each Carries 2 Mark)

(25) If one of the zeroes of a polynomial $p(x) = x^3 + 12x^2 + ax + 60$ is –3 then find the value of a.

(26) Find the roots of the following quadratic equations by factorisation : $2x^2 - x + \dfrac{1}{8} = 0$

(27) How many three-digit numbers are divisible by 7 ?

(28) The difference of squares of two numbers is 180. The square of the smaller number is 8 times the larger number. Find the two numbers.

(29) How many multiples of 4 lie between 10 and 250 ?

(30) Name the type of quadrilateral formed by points (–1,–2), (1,0), (–1,2) & (–3,0) and give reason for your answer.

(31) If A and B are (–2, 8) and (8, –7) respectively. Find the coordinates of P such that AP 2/5 = AB and P lies on the line segment AB.

(32) If sin A = 3/4 calculate cos A and tan A.

(33) Evaluate the following : 2 tan2 45° + cos2 30° – sin2 60°

(34) As observed from the top of a light house, the angle of depression of a ship in the sea is 60°. The distance of the ship from the light house is 80 m. Find the height of the light house. $\left(\sqrt{3} = 1.73\right)$

(35) A 20 m deep well with diameter 7 m is dug and the earth from digging is evenly spread out to form a platform 22 m by 14 m. Find the height of the platform.

(36) Find the volume of a largest sphere that can be cut out of a cube whose edge is 7 cm.

7 cm   7 cm
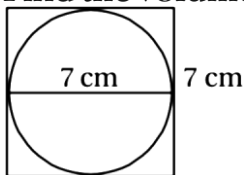
(37) If the median of the observation $\frac{x}{5}, x, \frac{x}{4}, \frac{x}{2}$ and $\frac{x}{3}$ is 10 then find the mean (x>0)

Section - C   (18)

○ **Answer any 6 questions out of 9 questions (Que. No. 38 to 46) (Each Carries 3 Mark)**

(38) Solve the given pair of equations by Substitution Method :

$7x - 15y = 2$ ....(i)

$x + 2y = 3$ ....(ii)

(39) Solve the following pair of linear equations by the Elimination Method

$0.2x + 0.3y = 1.3$ ....(i)

$0.4x + 0.5y = 2.3$ ......(ii)

(40) Find the sum of the following AP: $\frac{1}{15}, \frac{1}{12}, \frac{1}{10}, ...$ upto 11 terms.

(41) Find a relation between x and y such that the point (x, y) is equidistant from the point (3, 6) and (–3, 4).

(42) If A(1, 2), B(4,y), C(x, 6) and D(3, 5) are the vertices of a parallelogram taken in order, find x and y.

(43) Prove that the parallelogram circumscribing a circle is a rhombus.

(44) In the given figure PA and PB are tangents of a circle having centre O. If ∠AOB=135° then find ∠OPA.
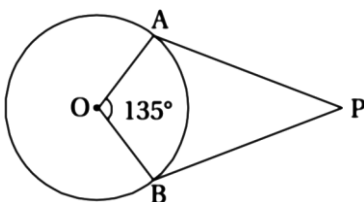
(45) The marks obtained by 30 students of class X of a certain school in a Mathematics paper consisting of 100 marks are presented in table below. Find the mean of the marks obtained by the students.

Marks obtained (x_i)	10	20	36	40	50	56	60	70	72	80	88	92	95
Number of students (f_i)	1	1	3	4	3	2	4	4	1	1	2	3	1

(46) A box contains 5 red marbles, 8 white marbles and 4 green marbles. One marble is taken out of the box random. What is the probability that marble will be

(i) red   (ii) white   (iii) not green

Section - D ——————————————————————— (20)

⦿ **Answer any 5 questions out of 8 questions (Que. No. 47 to 54)**
(Each Carries 4 Mark)

(47) A train travels 360 km at a uniform speed. If the speed had been 5 km/h more, it would have taken 1 hour less for the same journey. Find the speed of the train.

(48) Nitya has to send her daughter to school after 12 weeks. She requires Rs. 3,150 for the same. She saves Rs.100 in the first week and then increased her weekly saving by Rs. 30. Find whether Nitya will be able to fulfil her requirements.

(49) A girl of height 90 cm is walking away from the base of a lamp-post at a speed of 1.2 m/s. If the lamp is 3.6 m above the ground, find the length of her shadow after 4 seconds.
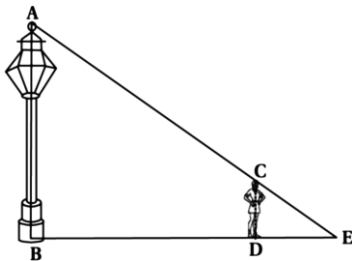
(50) Prove that, In two triangles corresponding angles are equal, then their corresponding sides are in the same ratio and hence the two triangles are similar. (AAA condition)

(51) The mean of the following 125 observations is 22.12. Find the missing frequencies.

Class	0 – 4	5 – 9	10 – 14	15 – 19	20 – 24	25 – 29	30 – 34	35 – 39	40 – 44
Frequency	3	8	12	f_1	35	21	f_2	6	2

(52) In the following table daily expense of food of 25 families in certain area is shown. Find the average daily expense using step deviation method.

Daily expense (in ₹)	100 – 150	150 – 200	200 – 250	250 – 300	300 – 350
Frequency	4	5	12	2	2

(53) One card is drawn from a well-shuffled deck of 52 cards. Find the probability of getting

(i) a king of red colour   (ii) a face card   (iii) a red face card

(iv) the jack of hearts   (v) a spade   (vi) the queen of diamonds

(54) Marks obtained by students from 100 marks are given below

Marks	0-34	35-50	51-70	71-90	91-100
No. of Students	7	10	14	11	8
Result	F	D	C	B	A

Find the probability that student gets
(i) F grade   (ii) A grade   (iii) C or D grade

Paper No :- 01

Section :- A

(1)	A	(2)	D	(3)	C	(4)	B
(5)	C	(6)	A	(7)	one & only one		
(8)	2	(9)	8	(10)	Real and Equal		
(11)	3	(12)	1	(13)	True	(14)	True
(15)	True	(16)	False	(17)	−4	(18)	20
(19)	17.4	(20)	2/7	(21)	[A]	(22)	[D]
(23)	[C]	(24)	[D]				

Paper No :- 02

Section :- A

(1) C (2) B (3) D (4) C
(5) C (6) A (7) 4/9 (8) p^3q^2
(9) $4x^2-17x+4=0$ (10) point of contact
(11) 30 (12) 1 (13) True (14) False
(15) False (16) True (17) Arithmetic Progression (AP)
(18) 7 (19) 19 (20) 1/3
(21) [B] (22) [C] (23) [B] (24) [C]

Paper No :- 03

Section :- A

(1) B (2) B (3) B (4) A
(5) A (6) C (7) −9 (8) (n+1)
(9) 36 (10) ±10 (11) 1 (12) infinite numbers
(13) False (14) False (15) True (16) True
(17) −49 (18) 120°
(19) 30−40 (20) probability of certain event is one
(21) [A] (22) [C] (23) [A] (24) [C]

Instructions :-

(1) Write in a clear legible handwriting.

(2) This question paper has four Sections A,B,C & D and Que. Numbers from 1 to 54.

(3) All question are compulsory. There are only internal options.

(4) The numbers to the right represent the marks of the question.

(5) Draw neat diagrams wherever necessary.

(6) New sections should be written in a new page. Write the answers in numerical order.

Section - A (24)

■ **Answer the questions 1 to 24 as directed. Each question carries 1 mark.**

○ **Choose the correct option from given options :-**

(1) $MnO_2 + xHCl \rightarrow MnCl_2 + yH_2O + zCl_2$

In order to balance the above chemical equation, the values of x, y and z respectively are :

[A] 6, 2, 2　　　　[B] 4, 1, 2　　　　[C] 4, 2, 1　　　　[D] 2, 2, 1

(2) Which among the following are unsaturated hydrocarbons ?

[i] $H_3C-CH_2-CH_2-CH_3$　　　　　　[ii] $H_3C-C\equiv C-CH_3$

[iii] $H_3C-CH-CH_3$　　　　　　　　　[iv] $H_3C-C=CH_3$
　　　　　$|$　　　　　　　　　　　　　　　　　$|$
　　　　CH_3　　　　　　　　　　　　　　　CH_3

[A] (i) and (iii)　　[B] (ii) and (iii)　　[C] (ii) and (iv)　　[D] (iii) and (iv)

(3) Which one of the following properties of carbon is not responsible for its formation of large number of compounds ?

[A] Tetravalency　[B] Isomerism　　[C] Allotropy　　[D] Catenation

(4) The breakdown of pyruvate to give carbon dioxide, water and energy takes place in

[A] Cytoplasm　　[B] Mitochondria [C] Chloroplast　[D] Nucleus

(5) The part in which gustatory receptors are present in our body is

[A] inner ear　　　[B] skin　　　　　[C] tongue　　　　[D] inner lining of nose

(6) If a person has five resistors each of value 1/5 Ω, then the maximum resistance he can obtain by connecting them is

[A] 1 Ω　　　　　　[B] 5 Ω　　　　　　[C] 10 Ω　　　　　[D] 25 Ω

○ **Fill in the blanks with correct answer : -**

(7) Fill in the blanks with Suitable words : The digestion of food in the body is an example of .... reaction.

(8) Fill in the blanks with Suitable words : Chemical formula of Bleaching agent is ....

(9) Fill in the blanks with Suitable words : The inhibitory hormone in plant is ....

(10) In somatic cells of human being, the chromosomes are found in .... pairs.

(22, 23, 46)

(11) .... mirror is used in the head lights of a car. (Concave, Convex, Plane)

(12) The element .... has the electronic configuration 2, 8, 2.

(Aluminium, Magnesium, Sodium)

O State if following statements are true or false :-

(13) Ethene is saturated hydrocarbon.

(14) Paramoecium forms food-vacuole from ingested food particles with ...... the help of pseudopodia.

(15) Virtual image cannot be projected on the screen

(16) Vegetative propagation takes place in the buds produced in the notches along the margins of Bryophyllum leaf.

(17) Carbon-di-oxide is a green house gas.

(18) Solder, an alloy of lead and tin has high melting point.

O Answer the following questions as directed in one word or a sentence.

(19) Which hormone is responsible for the growth of beard and moustache in a adolescent boys ?

(20) Write the chemical formual of slaked lime ?

(21) List two natural ecosystem.

(22) The breakdown of pyruvate to give ethanol and carbon dioxide takes place in which organism ?

(23) I measure the electric current. Which device am I ?

O Match the following Columns :

(24)
Part :- A	Part :- B
[a] Trypsin	[i] Pancreas
[b] Amylase	[ii] Liver
[c] Bile Juice	[iii] Gland of stomach
[d] Pepsin	[iv] Saliva

Section - B (18)

O Question No. 25-37 each carris 2 marks. Answer in short in 40-50 words approximately. Attempt any 9 questions only.

(25) In the following food chain, 100 J of energy is available to the lion. How much energy was available to the producer ?

Plants → Deer → Lion

(26) Draw magnetic field lines around a bar magnet.

(27) On what factors does the resistance of a conductor depend ?

(28) Why does the sun appear reddish early in the morning ?

(29) Write uses of Convex mirror.

(30) Draw an incident ray and reflected passing

    (a) parallel to the principal axis of concave mirror.

    (b) passing from focus of concave mirror.

(31) How does the creation of variations in a species promote survival ?

(32) What is the role of the seminal vesicles and the prostate gland ?

(33) What could be the reasons for adopting contraceptive methods ?

(34) Answer the following questions on the basis of given diagram.

Name the part 'A' and write its function.

(35) What would be the electron dot structure of methane which has the formula CH_4?

(36) What is the change in color by adding two drops of dilute HCl in a mixed solution of NaOH and phenolphthalein? State the reason.

(37) Write the balanced chemical equations of the following reactions :
Barium Chloride + Aluminium Sulphate $\rightarrow$ Barium Sulphate + Aluminium Chloride

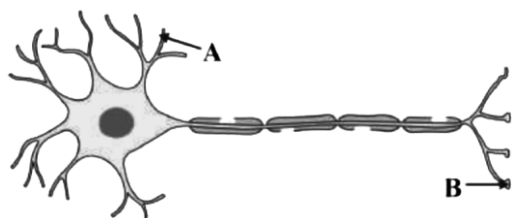## Section - C   (18)

○ **Question No. 38-46 each carris 3 marks. Answer in short in 60-80 words approximately. Attempt any 6 questions only.**

(38) Differentiate between metal and non-metal on the basis of their chemical properties.

(39) Two lamps, one rated 100W at 220V and the other 60W at 220V, are connected in parallel to electric mains supply. What current is drawn from the line if the supply voltage is 220 V ?

(40) Compelete the following table for concave mirror.

	Position of the object	Position of the image	Size of the image	Natura of the image
a	Beyond C			
b	between C and F			
c	between P and F			

(41) Explain the Reflex Arc. Explain the action of spinal reflex.

(42) A milkman adds a very small amount of baking soda to fresh milk.
(a) Why does he shift the pH of the fresh milk from 6 to slightly alkaline ?
(b) Why does this milk take a long time to set as curd ?

(43) What is the difference between displacement and double displacement reactions ? Write equations for these reactions.

(44) What is solenoid ? Explain the magnetic field caused by on electric current flowing through a solenoid.

(45) Make a diagram to show how hypermetropia is corrected. The near point of a hypermetropic eye is 1 m. What is the power of the lens required to correct the defect? Assume that the near point of the normal eye is 25 cm.

(46) Humans have 50 : 50 chance of producing male and female offspring. Explain this statement in detail.

Section - D ———————————————————————— **(20)**

○ **Question No. 47-54 each carris 4 marks. Answer in short in 90-120 words approximately. Attempt any 5 questions only.**

(47) (a) Define excretion.
(b) Name the basic filtration unit present in the kidney.
(c) Draw excretory system in human beings and label the following organs of excretory system which perform following functions :
(i) Form urine
(ii) is a long tube which collects urine from kidney
(iii) store urine unitl it is passed out.

(48) Draw a neat labelled diagram of human alimentary canal. Write the role of saliva and role of hydrochloric acid in digestion of food.

(49) Explain about Ethanoic Acid.

(50) Let the resistors in series combination R_1, R_2, R_3 ..... Derive an equation to find equivalent resistance $R = R_1 + R_2 + R_3$ in a series combination.

(51) Explain about new cartesian sign convention.

(52) Write a short note on : Female Reproduction system with labelled diagram.

(53) Draw a common domestic electric circuit and explain about the main charactristics domestic electric circuit.

(54) Explain : (a) Oxidation and Reduction
(b) Endothermic reaction and exothermic reaction.

Instructions :-

(1) Write in a clear legible handwriting.

(2) This question paper has four Sections A,B,C & D and Que. Numbers from 1 to 54.

(3) All question are compulsory. There are only internal options.

(4) The numbers to the right represent the marks of the question.

(5) Draw neat diagrams wherever necessary.

(6) New sections should be written in a new page.Write the answers in numerical order.

Section - A
(24)

■ **Answer the questions 1 to 24 as directed. Each question carries 1 mark.**

○ **Choose the correct option from given options :-**

(1) $Fe_2O_3 + 2Al \rightarrow Al_2O_3 + 2Fe$

The above reaction is an example of a

[A] combination reaction.   [B] displacement reaction.

[C] decomposition reaction.   [D] double displacement reaction.

(2) Butanone is a four-carbon compound with the functional group

[A] carboxylic acid.   [B] aldehyde.

[C] ketone.   [D] alcohol.

(3) The anther contains

[A] ovules   [B] sepals   [C] pollen grains [D] pistil

(4) Choose the correct option.

The magnetic field inside a long straight solenoid carrying current

[A] is zero   [B] decreases as we move towards its end

[C] is the same at all points   [D] increases as we move towards its end

(5) Compute the heat generated while transferring 96000 coulomb of charge in one hour through a potential difference of 50 V.

[A] 9.6×10^6 J   [B] 1.2×10^6 J   [C] 4.8×10^6 J   [D] 2.4×10^6 J

(6) Which of the following terms does not represent electrical power in a circuit ?

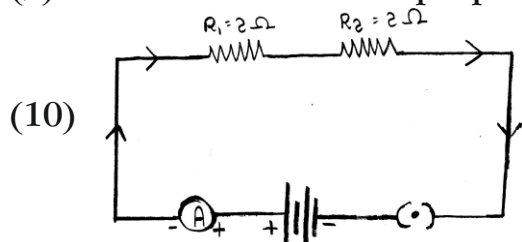[A] I^2R [B] V I   [C] $\dfrac{V^2}{R}$ [D] IR^2

○ **Fill in the blanks with correct answer : -**

(7) Brain and Spinal cord form .... system.

(8) ENT specialist doctor uses a .... of small aperture.

(9) .... is used in the preparation of tincture iodine.

(10)

.... is the equivalent resistance in the above diagram. (¼ Ω, 1 Ω, 4 Ω)

(11) .... is digested by trypsin enzyme.

(12) The splitting of light into its component colours is called ....

○ **State if following statements are true or false :-**

(13) Lymph carries digesed and absorbed fat from small intestine.

(14) Non-metals react with acids to give a salt and hydrogen gas.

(15) Many of the involuntary actions are controlled by the midbrain and hindbrain.

(16) Compared to female gamete, male gamete is smaller and motile.

(17) Normally red colour cable is used for Live wire.

(18) If the resistance of a conductor is doubled, the current is halved.

○ **Answer the following questions as directed in one word or a sentence.**

(19) Copy the figure and show the image formation with the help of rays.
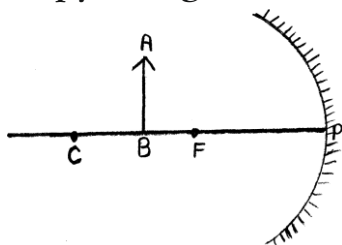
(20) What type of oxides are formed when non-metals combine with oxygen?

(21) Which of the following hydrocarbons undergo addition reactions :
C_2H_6, C_3H_8, C_3H_6, C_2H_2 and CH_4

(22) Which part of the brain maintains posture and equilibrium of the body ?

(23) Why do we prefer a convex mirror as a rear-view mirror in vehicles?

○ **Match the following Columns :**

(24) **Part :- A**   **Part :- B**
[a] C_3H_6 [I] Alkane
[b] C_3H_8 [ii] Alkene
[c] C_3H_4 [iii] Alkyne

Section - B ——————————————————————————— (18)

○ **Question No. 25-37 each carris 2 marks. Answer in short in 40-50 words approximately. Attempt any 9 questions only.**

(25) A metal compound 'A' reacts with dilute hydrochloric acid to produce effervescene. The gas evolved extinguishes a burning candle. Write a balanced chemical equation for the reaction, if one of the compounds formed is calcium chloride.
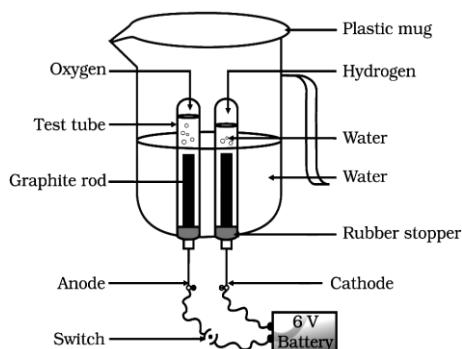
(26) What is an homologous series ? Explain with an example.

(27) What are the advantages of vegetative propagation in plants.

(28) Why is DNA copying an essential part of the process of reproduction ?

(29) How can three resistors of resistances 2Ω, 3Ω, and 6Ω be connected to give a total resistance of 1Ω ?

(30) During extraction of metals, electrolytic refining is used to obtain pure metals.
    (a) Which material will be used as anode and cathode for refining of silver metal by this process ?
    (b) Suggest a suitable electrolyte also.
    (c) In this electrolytic cell, where do we get pure silver after passing electric current ?

(31) Distinguish between food chain and food web.

(32) Give a test that can be used to differentiate between saturated & unsaturated hydrocarbons.

(33) What if the mucus from gastrointestinal tract is not secretes ?

(34) Name the diseases spread by sexual transmission.

(35) Distinguish between puberty in boy and puberty in girl.

(36) How much work is done in moving a charge of 2C across two points having potential difference of 12 V ?

(37) What is ozone ? How and where is it formed in the atmosphere ?

Section - C   (18)

○ **Question No. 38-46 each carris 3 marks. Answer in short in 60-80 words approximately. Attempt any 6 questions only.**

(38) What are the different methods of contraception ?

(39) An object 4.0 cm in size, is placed at 25.0 cm in front of a concave mirror of focal length 15.0 cm. At what distance from the mirror should a screen be placed in order to obtain a sharp image ? Find the nature and the size of the image.

(40) An electric bulb is rated at 200 V - 100 W. What is its resistance ? Five such bulbs burn for 4 hours. What is the electrical energy consumed ? Calculate the cost, if the rate is 50 paise per unit.

(41) (a) Give chemical tests to detect the presence of :
(i) Ethanol   (ii) Ethanoic acid
(b) Why ethanoic acid is called glacial acetic acid ?

(42) An object 5 cm in length is held 25 cm away from a converging lens of focal length 10 cm. Draw the ray diagram and find the position, size and the nature of the image formed.

(43) State causes of myopia. How is this defect corrected ? Draw suitable diagram to show it.

(44) What is the function of an earth wire ? Why is it necessary to earth metallic appliances ?

(45) (a) Write the difference between electric energy & electric power .
(b) Out of 60 W & 40 W lamps, which one has higher electrical resistance when in use.

(46) Why detergents are better cleansing agents than soaps ? Explain.

Section - D —————————————————————————— (20)

○ **Question No. 47-54 each carris 4 marks. Answer in short in 90-120 words approximately. Attempt any 5 questions only.**

(47) How is plaster of pairs formed ? Write an equation to show the reaction between plaster of pairs and water ? Write uses of plaster of pairs.

(48) Compounds such as alcohols and glucose also contain hydrogen but are not categorised as acids. Describe an activity to prove it.

(49) Draw labelled diagram showing internal structure of human heart and explain blood circulation in it.

(50) By which experiment, we can confirm that in pea plant the F2 generation have a 1 : 2 : 1 ratio of TT, Tt and tt trait combination ?

(51) What is magnetic field ? Draw magnetic field lines around a bar magnet. Write the properties of magnetic field lines.

(52) State Ohm's law. Write the necessary conditions for its validity. How is this law verified experimentally ? What will be the nature of graph between potential difference and current for a conductor ? Name the physical quantity that can be obtained from this graph.

(53) What is a reflex arc ? Draw a neat labelled diagram of the components in a reflex arc. Why do impulses flow only in one directon in a reflex arc ?

(54) (a) Describe why variations are observed in the offspring formed by sexual reproduction.

(b) List two preparatoins shown every month by the uterus in anticipation of pregnancy in human.

Instructions :-

(1) Write in a clear legible handwriting.

(2) This question paper has four Sections A,B,C & D and Que. Numbers from 1 to 54.

(3) All question are compulsory. There are only internal options.

(4) The numbers to the right represent the marks of the question.

(5) Draw neat diagrams wherever necessary.

(6) New sections should be written in a new page.Write the answers in numerical order.

Section - A ──────────────────────────── (24)

■ **Answer the questions 1 to 24 as directed. Each question carries 1 mark.**

⭘ **Choose the correct option from given options :-**

(1) Potato chips manufactures usually flush bags of chips with which inert gas to prevent the chips from getting oxidised ?

[A] Oxygen   [B] Hydrogen   [C] Chlorine   [D] Nitrogen

(2) Butanoic acid is a four-carbon compound with the functional group

[A] carboxylic acid.   [B] aldehyde.

[C] ketone.   [D] alcohol.

(3) What is called a flower having both stamen and pistil ?

[A] Male flower   [B] Female flower

[C] Unisexual flower   [D] Bisexual flower

(4) If the object is placed at 40 cm infront of plane mirror, what will be the distance between object placed and image formed ?

[A] 40 cm   [B] 80 cm   [C] 20 cm   [D] 60 cm

(5) State whether the following statements are true or false.

(a) The field at the centre of a long circular coil carrying current will be parallel straight lines.

(b) A wire with a green insulation is usually the live wire of an electric supply.

[A] (a) - (T); (b) - (T)   [B] (a) - (F); (b) - (T)

[C] (a) - (F); (b) - (F)   [D] (a) - (T); (b) - (F)

(6) At the time of short circuit, the current in the circuit

[A] reduces substantially   [B] increases heavily

[C] does not change   [D] vary continuously

⭘ **Fill in the blanks with correct answer : -**

(7) The surface of .... metal acquires a green coating, when it is exposed to air, but on heating the metal, it acquires a black coating.

(8) .... is the formula of functional group present in ketone compoundss.

(9) Cinnabar is a ore of ....

(10) Carbon and hydrogen containing compounds known as ....

(11) .... hormone synthesises at the shoot tip, helps the cells to grow longer.

(12) Chemical formula of quick lime is ....

○ **State if following statements are true or false :-**

(13) The number of C - H bonds in C_2H_6 is 6.

(14) Lens of power +2.0 D is a convex lens.

(15) Copper-T is a mechanical contraceptive method.

(16) Tooth decay starts when pH of the mouth is lower than 5.5.

(17) Adrenaline hormone is responsible for faster heartbeats.

(18) In human beings, fertilisation take place in oviduct.

○ **Answer the following questions as directed in one word or a sentence.**

(19) Write full from of AIDS and HIV ?

(20) Why is red colour selected for danger signal lights ?

○ **Match the following Columns :**

(21) **Part :- A**   **Part :- B**

　　[a] far-signtedness (hypermetropia) [i] Biofocal lens

　　[b] Presbyopia   [ii] Concave lens

　　[c] Catract   [iii] Convex lens

　　[d] near signtedness (myopia)   [iv] Surgery

(22) What is functional group ?

(23) Mention the full form of CFC.

(24) Write the common food chain of a pond ecosystem.

Section - B   (18)

○ **Question No. 25-37 each carris 2 marks. Answer in short in 40-50 words approximately. Attempt any 9 questions only.**

(25) Whar are isomers ? Draw the structural formulas of butane.

(26) Give scientific reason : Hydrogen gas is not evolved when copper reacts with dilute H_2SO_4.

(27) What is pollination ? Explain difference between self pollination and cross pollination.

(28) How does phototropism and geotropism occur in plants ?

(29) Why is variation beneficial for the species but not for the individual.

(30) What is refraction of light ? Write laws of refraction of light.

(31) What is ozone and how does it affect any ecosystem ?

(32) Draw the ray diagrams showing incident ray and reflected ray for (1) a ray parallel to the principal axis and (2) a ray passing through the principal focus of a concave mirror.

(33) What is saponification reaction ? Write it's chemical reaction.

(34) What is the function of acid in our stomach ?

(35) State the advantages /merits of a series combination of resistors.

(36) Why two magnetic field lines never intersect each other ?

(37) Why is there a difference in the rate of breathing between aquatic organisms and terrestrial organisms? Explain.

Section - C — (18)

○ **Question No. 38-46 each carris 3 marks. Answer in short in 60-80 words approximately. Attempt any 6 questions only.**

(38) Write different ways of prevention of corrosion of metals.

(39) Explain the different methods of contraception ?

(40) A convex mirror used for rear-view on an automobile has a radius of curavature of 3.00 m. If a bus is located at 5.00 m from this mirror, find the position, nature and size of the image.

(41) Explain the following term :-
   (i) Ecosystem   (ii) Food chain
   (iii) Biological magnification

(42) When you mixed the solutions of lead (II) nitrate and potassium iodide, then
   (1)   What is the colour of precipitate obtained ? Mention the name of the substance.
   (2)   Write a balanced chemical equation for the reaction
   (3)   Mention the type of reaction.

(43) What is hydrogenation? What is its industrial application ?

(44) Describe the structure and functioning of nephrons.

(45) What are the components of the transport system in human beings? What are the functions of these components ?

(46) Write differences between binary fission and multiple fission.

Section - D — (20)

○ **Question No. 47-54 each carris 4 marks. Answer in short in 90-120 words approximately. Attempt any 5 questions only.**

(47) Give reasons :
   (a)   Platinum, gold and silver are used to make jewellery.
   (b)   Sodium, potassium and lithium are stored under oil.
   (c)   Aluminium is a highly reactive metal, yet it is used to make utensils for cooking.
   (d)   Carbonate and sulphide ores are usually converted into oxides during the process of extraction.

(48) An organic compound A having the molecular formula $C_2H_4O_2$ is used as a preservative. This compound reacts with ethanol forms a sweet smelling compound B.
   (1)   Identify the compund A.
   (2)   Write a balanced chemical equation for the reaction of A with ethanol.
   (3)   How can we get compound A from B ?
   (4)   Which gas is produced when compound A reacts with washing soda ?

(49) Write a short note on : Human Respiratory System.

(50) Explain Excretory system in Human beings.

(51) What is dispersion of white light ? Explain dispersion of white-light by the glass prism.

(52) Draw a labelled diagram of the human eye. List at least four names of its parts and state the functions of any two parts.

(53) State the rule to determine the direction of a (i) magnetic field produced around a straight conductor-carrying current (ii) force experienced by a current-carrying straight conductor placed in a magnetic field which is perpendicular to it, and (iii) current induced in a coil due to its rotation in a magnetic field.
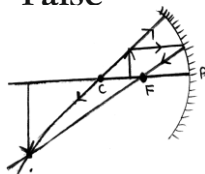
(54) Explain about new cartesian sign convention

Paper No :- 01

Section :- A

(1) C   (2) C   (3) B   (4) B
(5) C   (6) A   (7) Decomposition
(8) $CaOCl_2$ (9) ABA   (10) 23   (11) Concave
(12) Mg   (13) False   (14) False   (15) True
(16) True   (17) True   (18) False   (19) Testosterone
(20) $Ca(OH)_2$ (21) Forest ecosystem, Ocean ecosystem
(22) Yeast   (23) Ammeter   (24) (a-i),(b-iv),(c-ii),(d-iii)

Paper No :- 02

Section :- A

(1) B   (2) C   (3) C   (4) C   (5) C
(6) D   (7) Central Nervous System   (8) Concave mirror
(9) Ethanol   (10) $4\,\Omega$ (11) Protein   (12) Dispersion of light
(13) True   (14) False   (15) False   (16) False

(17) True   (18) True   (19) (20) Acidic oxide

(21) C_3H_6 & C_2H_2 (22) Cerebellum   (24) (a-ii),(b-i),(c-iii)
(23) Because they give an virtual, full size, diminised image with wider field view

Paper No :- 03

Section :- A

(1) D   (2) A   (3) D   (4) B   (5) D
(6) B   (7) Copper   (8) C=O   (9) Mercury(Hg)
(10) Hydrocarbon   (11) Auxin   (12) CaO (13) True
(14) True   (15) True   (16) True   (17) True (18) True
(19) Acquired Immuno Deficiency Syndrome and Human Immuno Deficiency Virus
(20) Because red colour is scattered the least by air molecules of the atmosphere
(21) (a-iii),(b-i),(c-iv),(d-ii)
(22) An atom or group of atoms that decide the chemical nature of compound
(23) Chlorofluorocarbon.
(24) Phytoplanktons → Zooplanktons → Small aquatic animals → Fish → Bird

રોયલ ગ્રુપ ઓફ સ્કૂલ્સ - ધોરાજી

JEE Main Result 2024

1st DHORAJI Centre — GROUP A
બદરકીયા આયુષ
99.81 PR.

JEE Advanced Qualified
4th DHORAJI Centre — GROUP A
ભુવા મીત
99.50 PR.

6th DHORAJI Centre — GROUP A
પરમાર મનીષા
99.02 PR.

GROUP A
કાલરીયા હેત
98.54 PR.

GROUP A
જાગાણી યશ
97.67 PR.

GROUP A
વાઘેલા યશદિપસિંહ
96.86 PR.

95+ PR મેળવતા 15 વિદ્યાર્થીઓ.

GUJCET Result 2024

GROUP A
બદરકીયા આયુષ
117.50/120

GROUP A
કાલરીયા હેત
117.50/120

GROUP A
કવા રાહુલ
117.50/120

GROUP B
કુકડીયા દિપાલી
115.25/120

GROUP B
અજુડીયા ચંદન
115.00/120

GROUP A
કપડવંજી નોમાન
115.00/120

GROUP A
મુંગલપરા જેનીલ
115.00/120

GROUP B
જેઠવા હિતેષ
115.00/120

100+ માર્ક્સ મેળવતા 117 વિદ્યાર્થીઓ.

રોયલ ગ્રુપ ઓફ સ્કૂલ્સ - ધોરાજી

NEET Result - 2024

687

ડો. ઋત્વિક ભોળા
ભાલપરા (વેરાવળ)
B. J Medical College
Ahmedabad
MO. 8799090128

675

ડો. કુંજલ કુછડિયા
પોરબંદર
Shri M.P.Shah Government
Medical College Jamnagar
MO. 9974293550

670

ડો. હિતેષ જેઠવા
મોટી ઘાણેજ(માળીયા હાટીના)
P.D.U. Medical College
Rajkot
MO. 9875177036

660

ડો. પિનાક વાગડીયા
ધોરાજી
P.D.U. Medical College
Rajkot
MO. 6352400253

652

ડો. અદિત ગોહીલ
ગોંડલ
P.D.U. Medical College
Rajkot
MO. 720203034

650

ડો. સાગર ચુડાસમા
લાલુકા (જામખંભાળીયા)
Shri M.P.Shah Government
Medical College Jamnagar
MO. 7046344274

650

ડો. મોનાર્ક પટેલ
કુબાધરોળ (વડાલી)
GOVT. Medical College
BHAVNAGAR
MO. 9875161627

647

ડો. ગુલાબ ઝેઝરિયા
સાચલા
P.D.U. Medical College
Rajkot
MO. 9909492959

NEET-2024 માં 600 કે તેથી વધુ માર્ક્સ મેળવતા 36 વિદ્યાર્થીઓ.

NEET-2024 દ્વારા 100+ વિદ્યાર્થીઓએ રોયલ સ્કૂલ માંથી MBBS માં પ્રવેશ મેળવ્યો.

639 — ડો. રાહુલ ડાભી — બોટાદ — GMERS Medical College SOLA — MO. 93132 60917

637 — ડો. નિલેષ ગંભીર — નાગલપુર — GMERS Medical College Gandhinagar — MO. 6352038412

636 — ડો. હાર્દિક કરમુર — કલ્યાણપુર — GMERS Medical College Junagadh — MO. 9099514640

633 — ડો. જાનવી મેર — ઢોલીચા — GMERS Medical College Junagadh — MO. 7600698851

632 — ડો. હેમત આંબલીચા — રણજીતપુર — GMERS Medical College Gandhinagar — MO. 6351593571

626 — ડો. પિનાક મોવલીચા — ચરખડી — GMERS Medical College Junagadh — MO. 6352817929

626 — ડો. તમન્ના બારડ — ઉમરાળા — GMERS Medical College Gotri Vadodara — MO. 9427663590

622 — ડો. કૌશિક જોગલ — ચારણતુંગી — GMERS Medical College Himmatnagar — MO. 9316153904

619 — ડો. અજુડિયા ચંદન — વાડલા ગીર — GMERS Medical College Dharpur Patan — MO. 7990707109

615 — ડો. મહમ્મદ રેનીફ ખોરજીચા — વાંકાનેર — GMERS Medical College Porbandar — MO. 7862014647

612 — ડો. અંબાલિચા રિના — જામ-ખંભાળીચા — GMERS Medical College Porbandar — MO. 9727583291

610 — ડો. નકુમ તમિષા — ધરમપુર (ખંભાળીચા) — GMERS Medical College Porbandar — MO. 9727993976

609 — ડો. સ્વાતિ પટેલ — કુબાધરોલ — Banas Medical College Palanpur — MO. 9558074600

608 — ડો. હુસેન હિરાણી — પિસાવદર — Narendra Modi Medical College Ahmedabad — MO. 9909452064

607 — ડો. રાજ બારડ — વેરાવળ — GCS Medical College Ahmedabad — MO. 8160415723

607 — ડો. ચાવડા ઉદય — આહિર સિંહણ — RE NEET — MO. 9558005853

606 — ડો. માનસીંગ કામળીચા — પિઠલપુર — GMERS Medical College Porbandar — MO. 8799490051

605 — ડો. જયમીત ભંડેરી — આણંદા — Banas Medical College Palanpur — MO. 8200142690

604 — ડો. હેત્વી કારેણા — રૂપાવટી — Adani Medical College Bhuj — MO. 9023347821

604 — ડો. મહમ્મદ અનશ કડીવાર — વાંકાનેર — Shantabaa Medical College Amreli — MO. 9664869785

604 — ડો. ગુંજન ત્રાડા — રાજકોટ — Narendra Modi Medical College Ahmedabad — MO. 8128146086

603 — ડો. આસ્થા સુથાર — ભુજ — RE NEET — MO. 9687171996

602 — ડો. કવન ગોંડલીચા — સુલતાનપુર — Govt. Akhandanand Ayur. College Ahemdabad — MO. 6356504740

602 — ડો. રોહિત કરંગીચા — નાંદુરી — C. U. Shah Medical College surendranagar — MO. 6353565127

601 — ડો. આદિત્ય ચૌહાણ — દ્વારકા — C. U. Shah Medical College surendranagar — MO. 8849982824

2023 માં 98 વિદ્યાર્થીઓએ MBBSમાં પ્રવેશ મેળવ્યો.

600	600	598	597	597
ડો. પ્રાર્થના બાબરીયા	ડો. નાઝીમ બાદી	ડો. અભિષેક મુંગરા	ડો. હિમાંશુ મકવાણા	ડો. નિરાલી કરમુર
જુના વાઘણીયા	વાંકાનેર	તાલાળા	પોરબંદર	કલ્યાણપુર
Shantabaa Medical College Amreli	Adani Medical College Bhuj	Narendra Modi Medical College Ahmedabad	C. U. Shah Medical College surendranagar	Adani Medical College Bhuj
MO. 9879167504	MO. 9601831034	MO. 6352262387	MO. 9537148399	MO. 9054365531

597	596	594	593	591
ડો. ઈશા પરસાણા	ડો. પ્રાર્થના સાવલીયા	ડો. જલક ઘડુંવા	ડો. ભાવેશ ગઢવી	ડો. બંસી વેકરીયા
ધોરાજી	કેશોદ	કેશોદ	સિક્કા	ઢેબર
GCS Medical College Ahemdabad	Banas Medical College Palanpur	Shantabaa Medical College Amreli	Narendra Modi Medical College Ahmedabad	M.K. Shah Medical College Ahmedabad
MO. 9574761192	MO. 9313164108	MO. 9825727322	MO. 8799004031	MO. 9327360025

590	587	587	586	586
ડો. રીજલા ખોરજીયા	ડો. રૂદ્રેન કોલડીયા	ડો. તૃષા મોરી	ડો. પ્રાંજલ મકવાણા	ડો. કૃપાલી પાથર
ટંકારા	વાવડી	ઈન્દ્રોઈ	સુલતાનપુર	ભાણવડ
Banas Medical College Palanpur	Govt. Akhandanand Ayur. College Ahemdabad	Adani Medical College Bhuj	GMERS Medical College Junagadh	Shantabaa Medical College Amreli
MO. 9979943933	MO. 6351120076	MO. 7016640594	MO. 7984998841	MO. 8320991347

586	584	583	582	582
બારડ અંકિતા	ડો. ચશ્વી ગરૈયા	ડો. પ્રાંજલ કરંગીયા	ડો. વિશ્વા ચોટલીયા	ડો. પારસ મકવાણા
ચગીયા	રાજકોટ	ભાટીયા	રાજકોટ	બાબરા
RE NEET	Adani Medical College Bhuj	Adani Medical College Bhuj	Govt. Dental College Ahemdabad	Adani Medical College Bhuj
MO. 9879662414	MO. 7984032895	MO. 8849355251	MO. 8320289162	MO. 9313186035

579	578	576	575	574	574
ડો. ટ્રેનીશા વાઢેર	ડો. દિપેશ હુંબર	ચુડાસમા સાવન	ડો. વિશાલ રામ	ડો. ઉત્સવ હુંબર	ડો. ક્રિષ્ના પિનારા
લોઢવા	વાવડી	લાલુકા	ભત્રોડા	કલ્યાણપુર	રાજકોટ
Shantabaa Medical College Amreli	Govt. Akhandanand Ayur. College Ahemdabad	RE NEET	Govt. Akhandanand Ayur. College Ahemdabad	Dr. Kiran C. Patel Medical College Bharuch	Shantabaa Medical College Amreli
MO. 9327938430	MO. 8799508860	MO. 9601166392	MO. 9879334265	MO. 8780639487	MO. 9979057023

ઉપરોક્ત પરીણામ માત્ર એકજ વર્ષ NEET-2024 નું જ છે.

ડો. વંદિત સોરઠિયા
2024 - NEET (PG)
AIR 988
MO. 99988 08139

રોયલ સ્કૂલના મારા અભ્યાસ કાળને મારો સુવર્ણ કાળ સમજુ છું. પેથાણી સર અને સાયન્સ ટીમે NEET માં કરાવેલ આયોજનબદ્ધ મહેનતે મને NEET-PG માં AIR-988 મેળવવામાં મહત્વની ભૂમિકા ભજવી છે. પેથાણી સર એ સારા શિક્ષણવિદ જ નથી પરંતુ સારા કેળવણીકાર પણ છે. રોયલ સ્કૂલને મારા જીવનના ઘડતર માટે ઋણી માનું છું.

ડો. ગોજીયા માધવ
2024 - NEET (PG)
AIR 1448
MO. 63541 63295

રોયલ સ્કૂલમાંથી મારી NEET ની તૈયારીમાં બાયોલોજીમાં ભાર્ગવ સર અને ફિજિક્સમાં તૃપેશ સરનો અમૂલ્ય ફાળો છે. તેમજ RE-NEET કરતા વિદ્યાર્થી હિરેનભાઈ જાગાણીએ મને ખુબ સહકાર આપેલ જેણે મારા ઉત્સાહમાં ખૂબ વધારો કરેલો. જેથી ધોરાજી સેન્ટરમાં 2018 માં હું NEET ટોપર રહેલ અને આજે NEET-PG માં AIR-1448 માં રેન્કે પહોંચવામાં પેથાણી સરનું સફળતા મેળવવા માટે કામ કરવાની આગવી સુમનું બીજારોપણનું આ ફળ છે.

ડો. હિરેન જાગાણી
2024 - NEET (PG)
AIR 6937
MO. 96648 86369

રોયલ સ્કૂલમાં મારૂ જીવન ઘડતર એ મારા જીવનની શ્રેષ્ઠ યાદગાર પળો છે. પ્રથમ વખત જ NEET અમારા વખતે આવેલ. મે તો ડરના માર્યા BDS માં એડમિશન પણ લઈ લીધેલ. મારા જીવનના આ વળાંક માટે મારા મમ્મી અને પેથાણી સરને યશ આપું છું. રોયલમાં અમે પાંચ BOYS અને એક GIRL એ RE-NEET કરેલ. પેણાથી સરે ટીમે કોઠા લઈ જઈ ત્યાની સિસ્ટમને સમજી ટીમવર્ક કરી અમારામાંથી પાંચને MBBS માં મોકલ્યા અને " ALL IS WELL " સાબીત કરી બતાવ્યું જો કે આજે પણ RE-NEET ના રાજા તો પેથાણી સર જ છે.

ડો. વેદાંત તલાવીયા
B. J. Medical - Ahmedabad
NEET-2022
Doraji Center First
Marks : **656/720**
MO. 81281 14484

રોયલ સ્કૂલમાં મે RE-NEET કરેલ જે સમયગાળામાં મને ક્યારેય ઘરની યાદ આવેલ નથી. મારે NEET-2021 માં 520 માર્ક્સ હતા અને અમારી 50 વિદ્યાર્થીઓની બેચમાંથી હુ NEET-2022 માં 656 માર્ક્સ સાથે પ્રથમ ક્રમાંકે આવેલ. અમારી બેચમાંથી 35 MBBS માં જશે જ એવુ પેથાણી સર અમારા કાઉન્સીલીગમાં વાત કરતા અને મને આ વાત થોડી વાહિયાત લાગતી પરંતુ રીઝલ્ટ પછી વાસ્તવમાં અમે 35 વિદ્યાર્થીઓએ MBBS માં એડમિશન મેળવેલ. મારા જીવનમાં પી.એમ. શ્રી નરેન્દ્ર મોદી સર જેવો કોન્ફીડન્સ અને કેલ્ક્યુલેશન પાવર મે તે વખતે પેથાણી સરમાં જોયેલ. જેના માર્ગદર્શનમાં કામ કરવાની મારા જીવનની અમૂલ્ય તકો હું પળોપળ યાદ કરૂ છુ.

ડો. આર્યન વૈશ
B. J. Medical - Ahmedabad
NEET-2023
Doraji Center First
Marks : **680/720**
MO. 97147 72911

રોયલ સ્કૂલમાં પેથાણી સરની કામ કરવાની પધ્ધતિ વાસ્તવમાં રોયલ છે. JEE/NEET જેવી નેશનલ લેવલની પરીક્ષાની તૈયારી માટે ફેકલ્ટી કેવા હોવા જોઈએ એ તો પેથાણી સરને જ પુછવાનું. પેથાણી સરનું JEE/NEET ટીમ સાથેનું ટ્યુનીંગ અને ટીમનું ઈન્ટરનલ ટ્યુનીંગ જગજબનું છે. પેથાણી સર દ્વારા પરીક્ષા પહેલા આ વર્ષે આ બેચમાંથી MBBS માં આટલા વિદ્યાર્થીઓ જશે જ એ અંદાજથી હુ ખુબ જ પ્રભાવિત છુ.

ડો. ઋત્વિક ભોળા
B. J. Medical - Ahmedabad
NEET-2024
Doraji Center First
Marks : **687/720**
MO. 87990 90128

મે રોયલ સ્કૂલમાંથી જ ધો. 12 પાસ કરેલ અને NEET-2023 માં 442 માર્ક્સ આવતા MBBS માં એડમિશન ન મળતાં મે RE-NEET પેથાણી સરના માર્ગદર્શનમાં કરીને NEET-2024 માં 687 માર્ક્સ મેળવીને સેન્ટર પ્રથમ ક્રમાંક મેળવેલ છે. મને ખુબ ગર્વ છે કે હું એ સ્કૂલમાંથી NEET ટોપર છુ કે જે સ્કૂલમાં 2017 થી આજ સુધીમાં એક પણ રેગ્યુલર વિદ્યાર્થીએ MBBS માં સેલ્ફમાં એડમિશન લીધેલ નથી. જેના માટે મધ્યમ અને નબળા વર્ગના પરિવાર માટે પેથાણી સરનો RE-NEET અભિગમ શ્રેષ્ઠ પુરવાર થયેલ છે.

રોયલ ગ્રુપ ઓફ સ્કૂલ્સ - ધોરાજી

STD-12 A GROUP MAR-2024

99.81 PR.	**99.72 PR.**	**99.62 PR.**	**99.48 PR.**	**99.48 PR.**
બદરકીયા આયુષ	કાછડીયા રાજ	ગોંડલીયા અક્ષાંત	મુંગલપરા જેનીલકુમાર	બાલધા મૌલિક
ધોરાજી	ચિરોડા	સુલતાનપુર	હમાપુર	જામકંડોરણા
COMPUTER	COMPUTER	COMPUTER	COMPUTER	COMPUTER
SVNIT – SURAT	DHIRUBHAI – GANDHINAGAR	DDU – NADIYAD	NIRMA UNIVERSITY - AHMEDABAD	L.D. ENG. COLL. - AHMEDABAD
MO. 7990659055	MO. 9925273375	MO. 9979015611	MO. 9327216958	MO. 9714032157

99.31 PR.	**99.31 PR.**	**99.10 PR.**	**99.10 PR.**	**99.10 PR.**
કાલરીયા હેત	કવા રાહુલ	ભુવા ક્રિશ	જોગ રણજિત	ચાદવ મૌલિક
જામજોધપુર	ચોરવાડ	ખંભાળીયા	રાજપરા	પિરડી
COMPUTER	COMPUTER	COMPUTER	COMPUTER	COMPUTER
DDU – NADIYAD	DDU – NADIYAD	ADANI ENG. COLL. - AHMEDABAD	NIRMA UNIVERSITY - AHMEDABAD	NIRMA UNIVERSITY - AHMEDABAD
MO. 6351910825	MO. 9913534759	MO. 9313470432	MO. 9265745402	MO. 6352517568

98.87 PR.	**98.87 PR.**	**98.87 PR.**	**98.60 PR.**	**98.60 PR.**
વઘાસિયા પ્રિન્સકુમાર	વરસાણી શ્યામ	વાઘેલા ચશદિપસિંહ	ગજેરા શ્રેયા	પરમાર મનીષા
નાની મોણપરી	કાનાવડાળા	ધોરાજી	હરિયાસન	મંડેર
COMPUTER	COMPUTER	COMPUTER	COMPUTER	COMPUTER
DDU – NADIYAD	L.D. ENG. COLL. - AHMEDABAD	BVM – VIDHYANAGAR	BVM – VIDHYANAGAR	SVNIT – SURAT
MO. 7623818451	MO. 7016240925	MO. 8320326669	MO. 6353098993	MO. 9023693665

98.35 PR.	**98.35 PR.**	**98.35 PR.**	**98.35 PR.**	**98.35 PR.**
અજુડિયા વંદિત	સોચા નિખીલ	સોલંકી જય	ઠેસિયા દિપ	વિસાણી યશ
મોટા પાંચદેવડા	મુરીલા	દાનલી	ધોરાજી	જામનગર
COMPUTER	COMPUTER	COMPUTER	COMPUTER	COMPUTER
DDU – NADIYAD	L.D. ENG. COLLEGE - AHMEDABAD	L.D. ENG. COLLEGE - AHMEDABAD	DDU – NADIYAD	BVM – VIDHYANAGAR
MO. 9328756046	MO. 9875031018	MO. 8490977332	MO. 9773426709	MO. 9510450045

રોયલ ગ્રુપ ઓફ સ્કૂલ્સ - ધોરાજી

STD-12 A GROUP MAR-2024

98.06 PR.
ભુવા મિત
મોટાવરાછા
COMPUTER
SVNIT - SURAT
MO. 9870042156

98.06 PR.
મકવાણા આશિષ
નવાગઢ
COMPUTER
L.D. ENG. COLL. - AHMEDABAD
MO. 7862807619

98.06 PR.
જાગાણી યશ
ધોરાજી
COMPUTER
IIIT - VADODARA
MO. 8780024512

98.06 PR.
સોજીત્રા રૂત્વી
રોધેલ
COMPUTER
BVM - VIDHYANAGAR
MO. 9016139879

97.78 PR.
પોકિયા મિત
નવાગઢ
COMPUTER
L.J. - AHMEDABAD
MO. 9913290816

97.78 PR.
વાસાણી વિકાસ
જૂનાગઢ
E.C.
NIRMA UNIVERSITY - AHMEDABAD
MO. 9106313896

97.44 PR.
જીવાણી પાવન
ધોરાજી
IT
DDU - NADIYAD
MO. 8799614013

97.44 PR.
રાદડીયા પરમ
મેવાસા
COMPUTERT
VGEC - VIDHYANAGAR
MO. 9558323378

97.08 PR.
વાગડીયા દિપકુમાર
જૂનાગઢ
COMPUTERT
BVM - VIDHYANAGAR
MO. 7624083313

97.08 PR.
ડાવરા યશ્વી
મોણવેલ
COMPUTERT
VISHWAKARMA - CHANDKHEDA
MO. 9913350981

96.71 PR.
પાઘડાર ફેનિલ
ઢાંક
IT
DDU - NADIYAD
MO. 9662619652
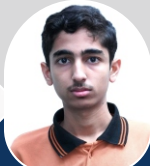
96.30 PR.
કાગડા જનકસિંહ
માળિયા
IT
DDU - NADIYAD
MO. 8799404341

96.30 PR.
રાણપરિયા પ્રિન્સ
ઢાંક
IT
BVM - VIDHYANAGAR
MO. 9265187165

96.30 PR.
કચાડા જીલ
બાંટવા-દેવળી
IT
DDU - NADIYAD
MO. 8320836873

96.30 PR.
વેકરિયા પાર્થ
ઈશ્વરીયા
COMPUTER
BVM - VIDHYANAGAR
MO. 7016218289

95.86 PR.
ઉંઘાડ હેત્વી
થાણાગાલોલ
COMPUTER
CHARUSAT - CHANGA
MO. 6352929677

95.46 PR.
ઉંઘાડ ખુશી
રાણસીકી
COMPUTER
CHARUSAT - CHANGA
MO. 8849307513

94.97 PR.
ડોબરીયા નેહાન્શુ
જૂનાગઢ
COMPUTER
IIT - AHMEDABAD
MO. 9537352601

94.97 PR.
ગોજીયા રાહુલ
વડાલીયા-સિંહણ
COMPUTER
DDU - NADIYAD
MO. 9913534759

94.49 PR.
રાઠોડ રોનક
અમરેલી
COMPUTER
IIIT - VADODARA
MO. 8799506034

સાંગણી નૈમીશ
MO. 79901 66799
SWIGGY

રોયલ સ્કૂલમાં મે ફક્ત પુસ્તકિયું જ્ઞાન જ નથી મેળવ્યું. પેથાણી સરના નેતૃત્વમાં અમે ચરિત્ર નિર્માણ અને જીવનની વિષમ પરિસ્થિતિઓમાં ધીરજ કેળવી અને તેમાંથી કેવી રીતે બહાર નિકળવું એના પાઠ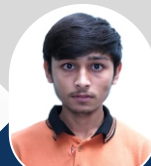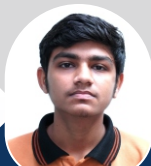 પણ ભણ્યા છે. ભૂતપૂર્વ વિદ્યાર્થી તરીકે અમને જે કંઈ પણ શાળામાંથી શીખવા મળ્યું છે તેનો ઉપયોગ અમે એકબીજાને સહકાર આપીને આગળ વધવામાં તથા વિશ્વમાં ભારતની એક હકારાત્મક છાપ ઊભી કરવા પ્રયત્નશીલ છીએ.

હિંગુ દેવ
MO. 74339 93981
CLOUDERA

રોયલ સ્કૂલમાં પેથાણી સરે કોરોના કાળમાં પણ શ્રેષ્ઠ ટીમવર્ક કરી અમને હિંમત આપી એ પળો મારા માટે અનફોરગેટેબલ છે. SSC ની ટીમના નેતૃત્વ હેઠળ હું SSC બોર્ડમાં 99.99 PR મેળવવામાં સફળ થયેલ. પેથાણી સરના નેતૃત્વથી ખૂબ જ પ્રભાવિત છુ. હું સરના સતત સંપર્કમાં રહુ છુ અને જીવનની દરેક સમસ્યાના સમાધાન માટે વંદનીય માર્ગદર્શન મેળવું છુ. રોયલ મારુ પરિવાર છે ત્યાના દરેક વિદ્યાર્થી ભાઈ માટે હુ હંમેશ મદદગાર થવાની તત્પરતા દાખવું છુ. પેથાણી સર કહેતા કે એન્જિનિયરીંગ ફિલ્ડ એ રોજના નવા પડકારો સામે પરફોર્મ કરવાનું પ્લેટફોર્મ છે. એ વાત વાસ્તવમાં આજે સાચી લાગે છે.

ગામી પવન
MO. 99241 17034
Flipkart

રોયલ સ્કૂલમાં ધો.-11/12 અભ્યાસની મારી યાદોની વાત કરુ તો રોયલમાં આવ્યા પછી તો ખબર પડી કે ભણવુ જોઈએ જેથી તમે નોકરી શોધવા માટે નહિ પરંતુ નોકરી તમને શોધવા આવે. ફિલ્ડનું વાસ્તવિક ચિત્ર આવનાર સમયની માંગ મુજબના ભણતર વિશે પેથાણી સરની વાતો સાંભળવી ગમતી. આજે આવી ઉચ્ચ પોસ્ટ પર બિરાજમાન છુ તેનો સંપૂર્ણ શ્રેય હુ પેથાણી સરને આપુ છુ.

બદરકિયા આયુષ
COMPUTER
SVNIT - SURAT
JEE - 99.81 PR.
MO. 79906 59055

રોયલ સ્કૂલના શિક્ષકોની મદદથી મે JEE માં સારો સ્કોર મેળવીને મારા માટે શ્રેષ્ઠ કોલેજમાં પ્રવેશ મેળવવો શક્ય બન્યો. સ્કૂલના શ્રેષ્ઠ મેનેજમેન્ટ અને શિક્ષકોએ મારા તથા મારા માતા-પિતાના સ્વપ્નો પુરાં કરવામાં મદદ કરી. સવસવીયા પ્રતિક સરે JEE તૈયારીમાં પ્રોત્સાહિત કરી સતત માર્ગદર્શન આપેલ. આ યાદો મારા હ્રદયમાં કાયમી સચવાયેલી રહેશે.

ભુવા મીત
COMPUTER
SVNIT - SURAT
JEE - 99.50 PR.
MO. 98700 42156

રોયલ સ્કૂલની મારી બે વર્ષની સફર મારી JEE ની સફળતાને આકાર આપવામાં મહત્વની હતી. નિષ્ણાંત ફેકલ્ટી, સમાવેશ અભ્યાસક્રમ અને સહાધ્યાયીઓએ મને મજબૂત પાયો બનાવવામાં અને પડકારોનો સામનો કરવામાં ખૂબ મદદ કરી. મારા રિલેટીવના દિકરાના મુણેથી રોયલ સ્કૂલની JEE ની ટીમની તૈયારી કરાવવાની બેસ્ટ પધ્ધતિ અને પેથાણી સરના કાઉન્સીલીંગના વખાણ સાંભળી મે રોયલ સ્કૂલ પસંદ કરેલ.

પરમાર મનીષા
COMPUTER
SVNIT - SURAT
JEE - 99.02 PR.
MO. 90236 93665

એટલુ કહેવુ પર્યાપ્ત નથી કે રોયલ સ્કૂલનો મારો અનુભવ મારા જીવનમાં પરિવર્તન લાવનાર હતો. રોયલ સ્કૂલ JEE ના વિશેષ કોચીંગ સાથે સર્વાગી વિકાસ પર ધ્યાન કેન્દ્રિત કરે છે જે મને શૈક્ષણિક અને વ્યક્તિગત વિકાસ બંનેમાં મદદરૂપ થયુ. સાચુ કહુ તો JEE વિશે મને કંઈ જ ખબર ન હતી. પેથાણી સરના JEE વિશેના માર્ગદર્શનથી પ્રેરીત થઈ મે JEE રાખવાનું નક્કી કરેલ.

Instructions :-

(1) **Write in a clear legible handwriting.**

(2) **This question paper has four Sections A, B, C, D & E and Question Numbers from 1 to 57.**

(3) **All questions are compulsory.**

(4) **The numbers to the right represent the marks of the questions.**

(5) **New sections should be written on new page. Write the answers in numerical order.**

Section - A ────────────────────────── **(16)**

■ **Read the following paragraph and select the correct answer from the options given below :** **(02)**

⭕ "Day after day, she watched the bus, and gradually a tiny wish crept into her head and grew there: she wanted to ride on that bus, even if it was just once. This wish became stronger until it was an over whelming desire. Valli would stare wistfully at the people who got on and off the bus when it stood at the street corner. Their faces would kindle in her longings, dreams, and hopes. If one of her friends happened to ride the bus and tried to describe the sights of the town to her. Valli would be jealous to listen and would shout, in English: "Proud! Proud!""

(1) 'Valli would be jealous to listen…' This indicates Valli's

    [A] longing to ride the bus.   [B] nature as an envious person.

    [C] denial to accept her situation.   [D] inclination to trouble travellers.

(2) Valli would stare wistfully at the people as she

    [A] had been watching the bus for a long time.

    [B] was inspired by the people travelling on the bus.

    [C] had a strong desire to take a ride on the bus.

    [D] envied the people who could travel on the bus.

■ **Read the following passage and answer the given questions :** **(03)**

⭕ The following Sunday Lencho came a bit earlier than usual to ask if there was a letter for him. It was the postman himself who handed the letter to him while the postmaster, experiencing the contentment of a man who has performed a good deed, looked on from his office. Lencho showed not the slightest surprise on seeing the money; such was his confidence but he became angry when he counted the money. God could not have made a mistake, not could he have denied Lencho what he had requested.

(3) Why was Lencho not surprised on seeing the money ?

(4) Why did Lencho become angry while he got the money ?

(5) What was the belief of Lencho ?

■ **Fill in the blanks selecting appropriate option :** **(05)**

               [privilege, outlaws, common, possession, distinguished]

⭕ We, who were ____6____ not so long ago, have today been given the rare ____7____ to be host to the nations of the world on our own soil. We thank all of

our _____8_____international guests for having come to take _____9____with the people of our country of what is, after all, a _____10____victory for justice, for peace, for human dignity.

■ **Answer the following questions in about 5 to 6 sentences each. (Any Three)** (06)

(11) What makes writing in a diary a strange experience for Anne Frank ?

(12) Describe the scenery outside the train. Where were Pranjol and Rajvir going by train ?

(13) Describe Coorg's weather. when is it most pleasant for the tourists to visit Coorg ?

(14) What kind of person is Valli? Illustrate your answer from the text that you have read.

(15) What Happened when Maxwell took Mijbil to the bathroom ? What did it do two days after that ?

Section - B —————————————————————— (16)

■ **Read the following passage and answer the given question :** (03)

○ If ever you should go by chance
To Jungle in the east;
And if their should to you advance
A large and Tawny beast,
If he roars at you as you're dyin
You'll know it is the Asian lion…..

(16) How is the beast as per the poem ?

(17) At which direction the Jungle is as per the poem ?

(18) Roars means………..

■ **Choose the right answer from the given options :** (02)

(19) He is as brave as lion
[A] Metaphor   [B] Exclamation   [C] Simile   [D] Paradox

(20) The Fog comes
[A] Litotes   [B] Pun
[C] Onomatopoeia   [D] Personification

■ **Answer the following questions in about 4 to 5 sentences each. (Any three)** (06)

(21) Comment on humour in the poem 'The Tale of Custard the Dragon.'

(22) Why does the poet compare the trees with 'patients' ?

(23) What is 'Dust of Snow? '? How has it changed the poet's mood ?

(24) Comment on the central idea of the poem ' The Trees'

(25) Why does the poet say, ' I would not intrude on him? Why doesn't he offer him money to buy another ball ?

■ **Read the following passage and answer the given questions :** (05)

○ There was a fifty rupee note between his fingers. My heart sank. I thought I had been discovered.

I made some money yesterday, he explained. Now you'sll be paid regularly. My spirits rose. But when I took the note, I saw it was still wet from the nights rain.

Today well start writing sentences, he said.

He knew. But neither his lips nor his eyes showed anything

(26) Why did the narrators heart sink ?

(27) Did Anil say anything to Hari Singh on knowing about his guilt ?

(28) What does the phrase neither his lips nor his eyes showed anything explain ?

O   One evening her husband returned elated bearing in his hand a large envelope. Here, he said, here is something for you.

(29) Find the word from the extract that means the same as wrapper.

(30) What is the antonym of elated ?

Section - C   (18)

■ **Write the Error and its Correction as shown in the example :**   (04)

	Error	Correction
(31) With a satisfied expresed he regarded	_____	_____
(32) the field in ripe corn with its flowers,	_____	_____
(33) draped in a curtain in rain.	_____	_____
(34) But suddenly a strong wind began to blow on along	_____	_____

■ **Punctuation paragraph : (35 to 38)**   (02)

O   Mij was out of the box in a flash he disappeared at high speed down the aircraft there were squawks and shrieks and a woman stood up on her seat screaming out a rat a rat

■ **Fill in the blanks using article(s), conjunction(s) and preposition(s) at the correct places. write the answer only. (39 to 42)**   (04)

(The , between, a, who)

O   There is a constant struggle……39…… emotions and intelligence. One must know ……40…… art of balancing these two. The person ……41…… can handle emotions, wins the battle and can live……42…… peaceful life.

■ **Turn the following dialogue into the indirect speech :**   (03)

(43) Natalya: I have noticed that those hunters argue most who know least.

Lomov : madam, please be silent, my heart is going to piece (shouts) Shut up!

Natalya: I hasn't shut up until you acknowledge that Squeezer is a hundred times of better than your Guess.

■ **Do as directed :**   (05)

(44) What a story !(Select the correct Assertive sentence)

[A] The story is good.   [B] It is an interesting story.

[C] The story is not good.   [D] It is not an interesting story.

(45) We'll all go hungry this year. (Select the correct Interrogative sentence)

[A] Wouldn't we all go hungry this year ?

[B] Will we all go hungry this year ?

[C] Would we all go hungry this year ? [D] Won't we all go hungry this year ?

(46) The hail has left nothing. (Select the correct Passive voice)

[A] The hail has been left nothing. [B] Nothing had been left by the hail.

[C] Nothing has been left by the hail. [D] The hail had left by nothing.

(47) Paper has more patience than people. (Select the correct Positive Degree)
[A] People do not have as much patience as paper.
[B] People have as much patience as paper.
[C] Paper does not have as much patience as people.
[D] Paper have as much patience as people.

(48) No sooner did he stand in the middle of the field than he said to his sons.
(Select the correct usage of 'As soon as')
[A] As soon as he stood in the middle of the field than he said to his sons.
[B] As soon as he stands in the middle of the field, he said to his sons.
[C] As soon as he stood in the middle of the field, he said to his sons.
[D] As soon as he does stood in the middle of the field, he said to his sons.

Section - D (12)

■ **Read the following passage and answer the given gustiness :** (04)

○   The various musical instruments produce sounds in two ways. They vibrate strings of different size and thicknesses, or they vibrate air through pipes of different size. In the case of the human voice, the vibration is that of the vocal cords within the price box these are usually longer and thicker in men than in women. But animals with voices cure not the only ones ! that produce sounds. Insects like crickets and grasshoppers produce their endless chirp by rubbing one wing against another.

The human ear picks up as sound certain vibrations or airwaves, but not all. What we hear is a stream of airwaves vibrating at the rate of about fifty per second to twenty-three thousand per second. When a top is spinning very fast, we do not hear it, as it slows down, we catch the hum of it, and then again we stop hearing it just before it falls. A dog's ears pick up vibrations of greater frequencies.

(49) Which are the two ways the various musical instruments produce sounds ?
(50) What is the difference between the vocal cords of men and women ?
(51) How do insects produce sounds?
(52) What sound can the human ear hear ?

OR

○   Let us remember, whenever we are told
To hate our brothers, it is ourselves
That we shall dispossess, betray, condemn.
Remember, we would take arms against each other
It is the human earth that we defile.
Aawara hills of fire and dust outrage the innocence
Of air that is everywhere our own.

(49) How do we harm ourselves ?
(50) What is polluted when a war break out ?
(51) What outrages our innocence of air ?
(52) Room shall we betray our condemn when we hate our brothers.

■ **Answer as requested :** (04)

(53) You are Aarya Desai, make a diary entry about your visit to a Sasan gir with your family.

<div align="center">OR</div>

A well known sportsman visited your school. You are the sport secretary of your school.Prepare a dialogue which you have used to interview him.

■ **Answer as requested :** (04)

(54) Design an advertisement for the use of plastics. Plastic thoroughly polluted our surroundings.

<div align="center">OR</div>

You are Lalita Prajapati, a head girl. Your school is organizing a science fair in your school. Prepare a Notice about it.

<div align="center">OR</div>

You are holding an exhibition for your sale items. You are a fashion joint. Prepare an poster to attract customers to visit your exhibition and buy your sale items at discounted prices.

Section - E ──────────────── (18)

(55) Local doctors conducted an Eye- examination camp in your school one Sunday. Write a report of about 150 words on the camp, to be put up on your school notice board. (04)

(56) Write an E-mail to your friend congratulating him/her on his/her success.(06)

<div align="center">OR</div>

Write a letter to the Secretary of the Sports Club of another school, asking if a football match between the teams of his school and yours can be arranged.

(57) **Answer as requested : (Write any 1)** (08)

○ **A Street Quarrel**

[happened to witness a quarrel – scene – hot exchanges – cause – takes serious turn- interference of wise men – pacified – ends]

<div align="center">OR</div>

○ **Any Building of Historical Interest Visited by You (The Taj Mahal)**

[visit of Taj Mahal – appearance – history – how it was built – description of building and surrounding – a tomb – one of the seven wonders of the world]

<div align="center">OR</div>

(57) **Complete the story and give a suitable title :**

Points : You met a small boy – you were coming from the school – the boy has missed his way home-the boy in tears – comforted him – clothes dirty – must be away from morning – you asked for the address – sign near the house – found out the place – parents worried – happy to see their son – you get a friend.

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Section - A ──────────────────────────────────── **(16)**

■ **Read the following passage and select the correct answer from the options given below :** **(02)**

○   He just felt a bit dizzy. Then he flapped his wings once, and he soared upwards. "Ga, ga, ga, Ga, ga, ga, Gaw-col-ah," his mother swooped past him, her wings making a loud noise. He answered her with another scream. Then his father flew over him, screaming. He saw his two brothers and his sister flying around him, curveting and banking and soaring and diving. Then he completely forgot that he had not always been able to fly and commended himself to dive and soar and curve, shrieking shrilly.

(1) How would you describe the screams of the gulls in the given extract ?

[A] elation   [B] bewilderment

[C] shock   [D] protection

(2) Pick the most appropriate reason why the young gull felt dizzy.

[A] He hadn't eaten anything for a day.

[B] He was dizzy with excitement.

[C] He was wary of heights.

[D] He was flying for the first time.

■ **Read the following passage and answer the given questions :** **(03)**

○   However, during the third lesson had finally had enough. Anne Frank, as punishment for talking in class, write an essay entitled Quack, Quack, Quack, said Mistress Chatterbox.

     The class roared. I had to laugh too, though I'd nearly exhausted my ingenuity on the topic of chatterboxes. It was time to come up with the essay from the beginning to end in verse and I jumped for joy. Mr. Keesing was trying to play a joke on me with this ridiculous subject, but I'd make sure the joke was on him.

(3) Who is he and he had had enough of what ?

(4) Explain: exhausted my ingenuity.

(5) How would this essay be different from the one written earlier ?

■ **Fill in the blanks selecting appropriate option :** (05)

(enhance, friend, people, imagination, down)

○ To _____6_____the image of this long-awaited friend in my_____7____, I don't want to jot ____8____ the facts in this diary the way most ____9____would do, but I want the diary to be my____10___, and I'm going to call this friend 'Kitty'.

■ **Answer the following questions in about 5 to 6 sentence each.** (06)
(Any three)

(11) 'Lencho had immense faith in God'. – Comment.

(12) What does Nelson Mandela say that the oppressor must be liberated just as surely as the oppressed ?

(13) "The sight of the food maddened him". What does this suggest? What completed the young seagull to fly finally ?

(14) Describe the narrator's experience as he flew the aeroplane into the storm.

(15) 'Paper has more patience than people'. Justify.

Section - B (16)

■ **Read the following passage and answer the given questions :** (03)

○ The fog comes
On the little cat feet,
It sits looking
Over harbour and city
In silent haunches
And then moves in.

(16) Where does the fog move ?

(17) Explain, how does the fog come ?

(18) What does the fog see ?

■ **Choose the right answer from the given options :** (02)

(19) The tiger's strength is locked in his limbs
[A] Personification [B] Metaphor
[C] Simile [D] Pun

(20) On silent haunches
[A] Repetition [B] Alliteration
[C] Onomatopoeia [D] Metaphor

■ **Answer the following questions in about 4 to 5 sentences each.** (06)
(Any three)

(21) Write the central theme of the poem 'The Fog'

(22) What does the girl yearn for? What does the poem 'Amanda' tell you about her ?

(23) What does the poet say the boy is learning from the loss of the ball ?

(24) Comment on the ending of the poem 'Fire and Ice.'

(25) Why does Amanda wish to be a mermaid, an Orphan or Rapunzel ?

■ **Read the following passage and answer the given questions :** (03)

○ Mrs. Hall almost fell down the stairs in hysterics. She was convinced that the room was haunted by spirits, and that the stranger had somehow caused these to enter into her furniture.

(26) Why did Mrs. Hall think that the room was haunted by spirits ?

(27) Who had caused this to happen ?

(28) Which word in the extract means the same as fits of crying ?

■ **Read the following passage and answer the given questions :** (02)

○ It was a prosperous farmers household and there was plenty to eat and drink. All the children except Bholi were healthy and strong. The sons had been sent to the city to study in schools and later in colleges, of the daughters Radha, the eldest, had already been married.

(29) What did Bholi's father do ?

(30) How many of his children were healthy and strong ?

Section - C ───────────────────────────── (18)

■ **Write the Error and its Correction as shown in the the example :** (04)

	Error	Correction
(31) Inside in clouds, everything was	_____	_____
(32) Suddenly black. Is was impossible to see	_____	_____
(33) anything outside on aeroplane.	_____	_____
(34) The old aeroplane jumped in twisted in the air.	_____	_____

■ **Punctuation paragaph : (35 to 38)** (02)

○ Tea was first drunk in China Rajvir added as far back as 2700 B.C.! In fact words such as tea chai and chini are from Chinese

■ **Fill in the blanks using article(s), conjunction(s) and preposition(s) at the correct places. write the answer only. : (39 to 42)** (04)

(and , to, because, on)

○ The parents were right in what they did ……39…… They wanted ……40…… teach him the importance of confidence ……41…… self Reliance. One can't depend ……42…… their parents all his life.

■ **Turn the following dialogue into the indirect speech :** (03)

(43) "It's not true! I'll prove it!" Natalya said. Chubukov: "What's the matter ? What are you shouting for ? Natalya: "Take it to court! We'll see!"

■ **Do as directed :** (05)

(44) If you stand on the seat, you may fall and hurt yourself. (Select the correct Useof 'Unless')

[A] Unless you stand on the seat, you may fall and hurt yourself

[B] Unless you don't stand on the seat, you may not fall and hurt yourself.

[C] Unless you don't stand on the seat, you may fall and hurt yourself.

[D] Unless you stand on the seat, you may not fall and hurt yourself

(45) The earrings were screwed into place. (Select the correct Active voice)

[A] Someone screwed the earrings into place by her.

[B] She screwed the earrings into the place to someone.

[C] She screwed the earrings into the place.

[D] He was screwed the earrings into the place.

(46) I had been pleasantly besieged by dignitaries. (Select the correct Active Voice)

[A] Dignitaries have pleasantly been besieged me.

[B] Dignitaries besieged me pleasantly.

[C] Dignitaries have pleasantly besieged me.

[D] Dignitaries had pleasantly besieged me.

(47) Unless you help me, my family and I will go hungry this year. (Select the correct usage of 'If')

[A] If you do not help me, my family and I will go hungry this year.

[B] If you help me, my family and I will not go hungry this year.

[C] If you did not help me, my family and I will go hungry this year.

[D] If you help me, my family and I would go hungry this year.

(48) We have sold the car. (Add a Question Tag)

[A] We have sold the car, Have we ?

[B] We have sold the car, haven't we ?

[C] We have sold the car, Didn't we ?

[D] We have sold the car, hadn't we ?

Section - D (12)

■ **Read the following passage and answer the given questions:** (04)

○ Many people know that instead of soap, Gandhiji used a stone to scrub himself. Very few people, however, know how precious this stone, given by Mirabel, was to Gandhiji. This happened during the Noakhali march when Gandhiji and others halted at a village called Narayanpur. During the march, the responsibility of looking after this particular stone, along with other things, lay with Manuben. Unfortunately, though, she forgot the stone at the last halting-place.

"I want you to go back and look for the stone," said Bapu. "Only then will you not forget it the next time." "May I take a volunteer with me?" "Why?" Poor Manu. She did not have the courage to say that the way back lay through forests of coconut and supari, (betel nut), so dense that a stranger might easily lose his way. Moreover, it was the time of riots. How could she go back alone ?

But she did go, and alone; after all she had committed the error. Leaving Narayanpur at 9.30 in the morning. Manu trudged along the forest path, taking the name of Ram as she went. On reaching the village she went straight to the weaver's house that had been their last? halt. An old woman lived there. And she had thrown the stone away. When Manuben found it after a difficult search her joy knew no bounds.

Carrying the precious stone, she returned to Narayanpur by late afternoon. Placing it in? Bapu's lap she burst into tears. "You have no idea how happy I feel. This? stone has been my cherished companion for the past twenty-five years. Whether in prison or in 5 a palace, it has been with me. Now, you have < seen that every useful thing is worth taking care of, even a stone".

(49) What was precious to Gandhiji? Why?

(50) Why was Manuben hesitant to go to the last halting place?

(51) What lesson did Manuben learn?

(52) What do you know about Bapu from this passage?

OR

O   Oh, sweet content, that turns the labourer's sweat
To tears of joy, and shines the roughest face;
How often have I sought you high and low
And found you still in some alone quiet place;
Here, in my room, when full of happy dreams,
With no life heard beyond that merry sound Of moths that on my lighted
ceiling kiss Their shadows as they dance and dance around;
Or in a garden, on a summer's night,
When I have seen the dark and solemn air
Blink with the blind bats' wings, and heaven's bright face
Twitch with the stars that shine in thousands there. -William Henry Davies

(49) What does the poet mean by 'no life heard'?

(50) Why, do you think, has the poet mentioned the labourer?

(51) What is 'Sweet Content', according to the poet?

(52) What message does the poet give us in this poem?

■ **Answer as requested :** (04)

(53) You are Palak Trivedi, make a diary entry of your 5 days visit to your native place.

OR

You are Saumya Rabari, you represented your school in a National seminar on the new education policy. You have got a chance to communicate with the education minister. Write a dialogues about it.

■ **Answer as requested :** (04)

(54) Prepare an attractive advertisement about a science fair that will be held in your school during this February.

OR

Draft a notice about an Annual function will be held in your school on behalf of Nisha Panchal, a head girl in your school.

OR

You own a lunch junction. Prepare an attractive poster giving all the details, i.e., what you are going to serve, price, timing, address and contact details.

Section - E ─────────────────────────────────── **(18)**

(55) Write a report for the school magazine in about 150 words on the health exhibition in your school. **(04)**

(56) Write an E-mail to your uncle thanking him for the birthday present. **(06)**

<div align="center">**OR**</div>

Write a letter to the principal of your school making suggestions for the improvement of the school canteen.

(57) **Answer as requested : (Write any 1)** **(08)**

◯ **If There were no Newspapers :**

[part of habit – variety of news-news and write-ups for all segments of society – knowing the world – different beneficiaries Fburth Estate' – powerful media – if stopped, life would be stagnant, backward – life force]

<div align="center">**OR**</div>

◯ **Good Manners :**

[Good manners need to be cultivated – man without manners is animal – following different customs – 'Manners maketh man' – makes man popular and successful – win hearts of people]

<div align="center">**OR**</div>

(57) **Complete the story and give a suitable title :**

Points : Dispute between the sun and the wind – a traveller – the wind blows hard – traveller clasps his cloak tighter – the sun shines – traveller – takes off the cloak.

Instructions :-

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(3) All questions are compulsory.

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Section - A   (16)

■ **Read the following passage and select the correct answer from options given below :**   **(02)**

○   "It was only when I began to learn that my boyhood freedom was an illusion when I discovered as a young man that my freedom had already been taken from me, that I began to hunger for it. At first, as a student, I wanted freedom only for myself, the transitory freedom of being able to stay out at night, read what I pleased and go where I choose. Later, as a young man in Johannesburg, I yearned for the basic and honourable freedoms…"

(1)   The title that best suits this extract is

     [A] Freedom for Everything   [B] Knowledge about Freedom

     [C] Significance of Freedom   [D] Realisation of Freedom

(2)   Choose the option that best fits the usage of the word 'illusion' as used in the extract.

     [A] He was never able to get past the illusion.

     [B] The illusion I experienced was quite intriguing.

     [C] A large mirror in the room creates an illusion.

     [D] I was living under the illusion that this was possible.

■ **Read the following passage and answer the given questions :**   **(03)**

○   The Buddha answered: I want a handful of mustard seeds. And when the girl in her joy promised to procure it, then Buddha added: The mustard-seed must be taken from a house where no one has lost a child, husband, parent or friend.

(3)   Identify I in the passage.

(4)   What did the Buddha ask the girl for ?

(5)   Find the word from the passage which means the same as obtain.

■ **Fill in the blanks selecting appropriate option :**   **(05)**

         (straight, beneath, ocean, amusedly, sideways)

○   He was near the sea now, flying ____6____ over it, facing straight out over the ____7____. He saw a vast green sea ____8____ him, with little ridges moving over it and he turned his beak ____9____ and cawed ____10____.

■ **Answer the following questions in about 5 to 6 sentences each.** (06)
  (Any three)

(11) How did Valli plan her bus ride? What did she find out about the bus, and how did she save up the fare?

(12) How did Buddha convey to Kisa the truth of life and death?

(13) Justify the title of the play 'The Proposal'.

(14) Why was the writer happy when he decided to fly in the night?

(15) How did the writer get out of the storm in the night to land safely?

Section - B (16)

■ **Read the following passage and answer the given questions :** (03)

○ He stalks in his vivid stripes
   The few steps of his cage,
   On pads of velvet quiet,
   In his quiet rage.
   He should be lurking in shadow,
   Sliding through long grass
   Near the water hole
   Where plump deer pass.

(16) He is in a rage because…………

(17) He is lurking in the shadow because………

(18) The above lines of poem express is the tigers……
     [A] resignation.   [B] fear   [C] anger.   [D] acceptance

■ **Choose the right answer from the given options :** (02)

(19) Has given my heart
     [A] Personification   [B] Metaphor
     [C] Simile   [D] Pun

(20) Some say in ice
     [A] Repetition   [B] Anthithesis
     [C] Onomatopoeia   [D] Metaphor

■ **Answer the following questions in about 4 to 5 sentences each.** (06)
  (Any three)

(21) Do you know the story of Rapunzel? Why does she want to be Rapunzel?

(22) Who are the characters in the poem ' The Tale of Custard, The Dragon '? List them with their pet names.

(23) Do you think Amanda is sucking and is moody?

(24) Contrast Tiger's situation inside and outside the zoo?

(25) Why does the man say to Anne about love?

■ **Read the following passage and answer the given questions :** (03)

○   Yes, yes I understand now. Since Earth creatures are always eating, the place in which you find yourselves is undoubtedly a crude refreshment stand.

(26) Who is the speaker of these words?

(27) What was considered by the speaker a crude refreshment stand?

(28)   Write the opposite of crude ?

■   **Read the following passage and answer the given questions :**   (02)

○   And then there was his accent. Though he spoke French and German passably, he had never altogether lost the American accent he had brought to Paris from Boston twenty years ago.

(29)   Who is he in the above extract ?

(30)   Where is he at present ?

Section - C —————————————————————————— (18)

■   **Write the Error and its Correction as shown in the example :**   (04)

	Error	Correction
(31) Marriage gifts was meaningless	_____	_____
(32) without the sweet bread known is the bol,	_____	_____
(33) just as a party or a feast loses in charm without bread.	_____	_____
(34) Not enough can be said to show how importanted	_____	_____

■   **Punctuation paragraph : (35 to 38)**   (02)

○   yesterday was the first day of the school holidays my family and i travelled ports mouth in the south of england we went there with my aunt katty my uncle

■   **Fill in the blanks using article(s), conjunction(s) and preposition(s) at the correct places. write the answer only : (39 to 42)**   (04)

                                             (as, that, ago, on)

○   The old banker was remembering how, fifteen years ……39……, he had given a party……40…… a similar autumn evening. Very few garden parties in ……41…… Village had been so gorgeous ……42…… that one.

■   **Turn the following dialogue into the indirect speech :**   (03)

(43)   Chubukov : What's the matter? What are you shouting for ?
        Natalya : Papa, please tell this gentleman who own Oxen Meadows, we or he ?
        Chubukov : (to Lomov) Darling, the meadows are ours !

■   **Do as directed :**   (05)

(44)   Otters are as common as mosquitoes in the Tigri's marshes. (Select the correct Comparative degree)
        [A] Otters are commoner in the Tigri's marshes than Mosquitoes.
        [B] Mosquitoes are not commoner than Otters in the Tigri's marshes.
        [C] Mosquitoes are com moner than Otters in the Tigri's marshes.
        [D] Otters are not commoner in the Tigri's marshes than Mosquitoes.

(45)   The baker and his family never starved. (Select the correct Affirmative sentence)
        [A] The baker and his family always remained away from starving.
        [B] The baker and his family starved a little.
        [C] The baker and his family never starved but ate happily.
        [D] The baker and his family starved only few days a week.

(46) I switched on the radio and said to Paris control room. (Select the correct Simple sentence)

[A] I switched on the radio then said to Paris control room.

[B] Switching on the radio and said to Paris control room.

[C] Switching on the radio, he said to Paris control room.

[D] Switching on the radio, I said to Paris control room.

(47) The British airline to London would not fly animals. (Select the correct Interrogative sentence)

[A] Will the British airline to London fly animals ?

[B] Wouldn't he British airline to London fly animals ?

[C] Would the British airline to London fly animals ?

[D] Won't the British airline to London fly animals ?

(48) He placed a stamp on the letter and dropped it into the mail-box. (Select thecorrect Use of 'No sooner.... (than')

[A] No sooner did he place a stamp on the letter then he dropped it into the mail-box.

[B] No sooner did he place a stamp on the letter than he dropped it into the mail-box.

[C] No sooner did he place a stamp on the letter when he dropped it into the mail-box.

[D] No sooner does he place a stamp on the letter than he dropped it into the mail-box.

Section - D — (12)

■ **Read the following passage and answer the given questions :** (04)

○ There was once a king. If anyone committed a serious crime in the kingdom, the king did not condemn him to death. Instead the criminal would be taken to a large arena. There were two doors, behind one door there was a fierce and hungry tiger. Behind the other, there was a beautiful young girl. The man would not know which door was which. He would have to chose one of the two doors. If he chose well, he had to marry. If he chose badly the tiger would eat him.

(49) What was the rule of the kingdom if anyone committed a serious crime ?

(50) Why did people go to the arena ?

(51) How a criminal was punished in this state ?

(52) Give your opinion whether the king's way of punishing in this way was right or not, in short ?

OR

○ A pilgrim, going a lone highway
Came at evening, cold and grey
To a chasm, deep and vast and wide.
The old man crossed in the twilight dim.
The chasm held no fear for him.

But he paused when he reached the other side
And built a bridge to span the tide.
Old man" said a fellow pilgrim near,
"Why waste your time in building here?"
Your journey ends with the close of day You never again will pass this way.
You have crossed the chasm deep and wide Why build ye here at eventide ?"
The pilgrim raised his old gray head "My friend in the path I've come," he said
"There followeth after me today A fair-haired youth who must pass this way.
The chasm which held no fears for me
To the fair-haired youth may a pitfall be.
He too must cross in the twilight dim.
My friend, I am building this bridge for him."

(49) What do the three persons mentioned in the poem stand for ?
(50) What answer does the old pilgrim give to the fellow pilgrim's question ?
(51) What did the old man do the other side of the chasm? Why ?
(52) What is the significance of the poem ?

■ **Answer as requested :** (04)

(53) You are Neeraj Thakkar, make a diary entry on a day you have helped poor people by giving them woolen blankets.

<div align="center">**OR**</div>

Write a dialogue with bank officers about home loans.

■ **Answer as requested :** (04)

(54) You are Abhigyan Khatri, your school is organizing a health awareness camp. Prepare an attractive advertisement for the given question.

<div align="center">**OR**</div>

You are Pawan Bansal, the head boy of your school, prepare a notice about an educational tour that has been organized by your school, inform your class students about it through notice.

<div align="center">**OR**</div>

You own a gift shop. Prepare a luring poster with full details to invite customers to buy gifts from your shop.

Section - E (18)

(55) Write a report on 'Selfie Mania among the youngsters'. (04)
(56) Draft an e-mail to the Municipal Commissioner complaining about the hygiene standards of the nearby restaurant. (06)

<div align="center">**OR**</div>

Write a letter to your father requesting him to help your poor but bright classmate who is unable to pay his fees.

(57) **Answer as requested : (Write any 1)**   **(08)**

○ **Social Media :**

[Introduction – benefits – drawbacks – conclusion]

OR

○ **Memories of Childhood OR Recollection v of Your Childhood :**

[introduction – which things you recollect – why they are fond memories – unselfish ways and dealings – pure joy and happiness – days of cheerfulness]

OR

(57) **Complete the story and give a suitable title :**

Points : French soldier walking through the streets of Paris – saw a man selling caged parrots – bought them – set the parrots s free – why? – had been a prisoner of war – knew? the value of liberty.

Paper No :- 01

(1)　A　　　　(2)　C　　　　(6)　outlaws　(7)　privilage
(8)　distinguished　　　　　(9)　possession (10)　common
(19)　C　　　(20)　D　　　(39)　between　(40)　the
(41)　who　　(42)　A
(43)　Natalya observed that the hunters who knew the least tended to argue the most. Lomov exclaimed, "Madam, please be silent! My heart is breaking!" Natalya retorted, "I won't be quiet until you admit that Squeezer is far superior to Guess."　　　　　　　　　(44)　B
(45)　B　　　(46)　C　　　(47)　A　　　(48)　C

Paper No :- 02

(1)　A　　　　(2)　D　　　　(6)　enhance　(7)　imagination
(8)　down　　(9)　people　(10)　friend　(19)　A
(20)　C　　　(39)　because　(40)　to　　　(41)　and
(42)　on
(43)　Natalya exclaimed that it wasn't true and she would prove it. Chubukov asked what the matter was and why Natalya was shouting. Natalya retorted that they should take it to court and see.　　(44)　B
(45)　C　　　(46)　D　　　(47)　A　　　(48)　B

Paper No :- 03

(1)　D　　　　(2)　D　　　　(6)　straight　(7)　ocean
(8)　beneath　(9)　sideways　(10)　amusedly　(19)　A
(20)　D　　　(39)　ago　　　(40)　on　　　(41)　that
(42)　as
(43)　Natalya asked her father to clarify who owned Oxen Meadows, their family or Lomov's. Chubukov told Lomov that, darling, the Oxen Meadows were undoubtedly their property.　　　　　(44)　D
(45)　C　　　(46)　D　　　(47)　C　　　(48)　B

Instructions :-

(1) **Write in a clear legible handwriting.**

(2) **This question paper has four Sections A,B,C & D and Que. Numbers from 1 to 54.**

(3) **All question are compulsory. There are only internal options.**

(4) **The numbers to the right represent the marks of the question.**

(5) **Draw neat diagrams wherever necessary.**

(6) **New sections should be written in a new page.Write the answers in numerical order.**

(7) **Question no. 54 of section D is map filling. It is a compulsory question.**

Section - A ──────────────────────────── **(24)**

■ **Answer the following objective questions as required. [1 Mark Each]**

○ **Match the following :**

Section 'A'	Section 'B'
(1) Vautha fair	[A] Ahwa
(2) Dang Darbar fair	[B] Ramcharit Manas
(3) Tulsidas	[C] Navghan well
(4) Junagadh	[D] Dholka
(5) 2009	[E] Right to Education

○ **State whether the following statements are true or false :**

(6) Raja Krishnadevaraya, the great king of Vijaynagar was a Hindi and Sankrit writer.

(7) Dholaveera was the best city in terms of town-planning.

(8) The Sarnath pillar is the best example of sculpture.

(9) Communalism is a hindrance to the progress of individual, society and nation.

(10) Unemployment and poverty are features of developing countries.

○ **Fill in the blanks with the correct option given in the brackets :**

(11) Salarjung Museum is in ....   (Kolkata, Bhopal, Hyderabad)

(12) Bruhadeshwar Temple has been constructed in .... style of art.
                                        (Nagar, Dravidian, Irani)

(13) In Gujarat, wind farm is operated at .... village near Jamnagar.
                                        (Bhima, Surja, Lamba)

(14) Since ancient times India has been well known in the field of cloth manufacturing. Muslin of .... prepared by skilled artisans could be adjusted in the Matchbox or pass through a ring.   (Dhaka, Kashmir, Kanjivaram)

(15) In the 2nd century, the Grand Anicut Canal was constructed across the river.......
                                        (Krishna, Koshil, Kaveri)

○ **Choose the correct option from those given below each question and write the answer :**

(16) Which of the following statements is not true ?

[A] India proved the feeling of 'Vasudhaiva Kutumbakam' in the world.

[B] "I am proud to say that I represent the religion that has taught the lessons of tolerance, compassion and universal fraternity to the world." : Swami Vivekananda.

[C] Indians who believed in tolerance and universal brotherhood even welcomed the Dutch and the British.

[D] Ancient Indian torch bearers stressed upon economic unity of India.

(17) Soil is formed of the matter available due to the ..... of base rocks.

[A] erosion and weathering [B] migration and stagnancy

[C] sequence and non-sequence [D] vertical and headwards

(18) Which of the following statements is not true ?

[A] Compared to canals, the irrigation through wells and tube-wells is more in India.

[B] Himalayan rivers are called seasonal rivers.

[C] The water which is soaked from the surface into the ground is called groundwater.

[D] Punjab and Haryana are leading states in irrigation.

(19) When was World Trade Organisation (WTO) established ?

[A] 1st June, 1992 [B] 1st January, 1995

[C] 10th October, 1994 [D] 31st December, 1993

(20) Choose the option that matches each multi-purpose project correctly with its beneficiary state :

[1] Bhakra-Nangal [a] Bihar

[2] Kosi [b] Punjab

[3] Nagarjun Sagar [c] Gujarat

[4] Narmada [d] Andhra Pradesh

[A] (1-b), (2-a), (3-c), (4-d) [B] (1-b), (2-a), (3-d), (4-c)

[C] (1-d), (2-c), (3-b), (4-a) [D] (1-c), (2-d), (3-a), (4-b)

❍ **Answer the following questions in one or two words :**

(21) Which company provides helicopter services to ONGC and State Government ?

(22) In which dance form do the women wear narrow trousers and frilled frocks ?

(23) June 21 is celebrated as which day ?

(24) During ascent to Everest which people work as labourers to carry goods of mountaineers ?

Section - B ————————————————— (18)

❍ **Answer any nine questions out of thirteen questions (Q.25 to 37) in about 15 to 35 words : [2 Mark Each]**

(25) Give an introduction of- Mongoloid people

(26) Things given below include the natural heritage as well as cultural heritage of India. They have got mixed up. Write them separately.

[Sculpture of Bearded Man, Ellora Cave, Temples, Animals, Flora,Valleys, Architecture, Animals, Deserts, Long Beaches, Springs,Statues of Goddesses]

(27) Write note on the cotton textile industry.

(28) Write about the Khajuraho Temples.

(29) "India has been a land of pilgrimages since ancient time". Explain.

(30) Explain our role in the preservation of our heritage.

(31) Describe the effects of deforestation.

(32) Write notes about the wildlife on verge of extinction.

(33) State the importance of multi-purpose projects.

(34) Write short notes : - solar energy

(35) What is meant by industrial pollution ?

(36) Give details about the Jute industry of India.

(37) State the constitutional provisions for the welfare and development of Minorities.

Section - C ────────────────────────── (18)

○ **Answer any six questions out of nine questions (Q. 38 to 46) in about 60 to 80 words : [3 Mark Each]**

(38) Discuss caves in Gujarat.

(39) Write a short note on sun temple at Modhera.

(40) Give information about Vallabhi University.

(41) Differentiate- Soil Erosion and Soil Conservation

(42) Discuss any five features of the developing economy.

(43) A list is given below which consists of some economic activities. Make a list of the activities related to primary sector out of it.
[Business, Education, Health, Agriculture, Animal Husbandry, Tourism and Recreation, Fisheries, Poultry, Construction, Large Scale Industries, Insurance Companies, Mining of Raw Metals, Messaging, Manufacturing of Large Machinery , Forestry]

(44) Describe the national institutions that award quality assurance certificate.

(45) Which are the schemes started by the Government of Gujarat to ensure equality to women ?

(46) Explain the difference between insurgency (rebellion) and terrorism.

Section - D ────────────────────────── (20)

○ **Answer any four questions out of seven questions (Q.47 to 53) in about 120 to 150 words : [4 Mark Each]**

(47) Describe the progress made by Ancient India in Mathematics.

(48) Discuss Ancient India's progress in Medical Science and Surgery.

(49) State the technical reforms brought in Indian Agriculture.

(50) Write a note on any four classical dance forms of India: Bharatnatyam, Manipuri, Kathak, Kathakali and Kuchipudi

(51) What steps can be taken for effective planning of manpower ?

(52) Describe the facilities provided by the government to the disabled students.

(53) Explain the reasons for more demand of child Labour in India and the measures to prevent it.

(54) Show the following places with proper symbols at their proper places in the given outlined map of India :
[1]   Sundarban National Park   [2]   Black Soil
[3]   Periyar Lake   [4]   Paddy producing state

Instructions :-

(1) **Write in a clear legible handwriting.**

(2) **This question paper has four Sections A,B,C & D and Que. Numbers from 1 to 54.**

(3) **All question are compulsory. There are only internal options.**

(4) **The numbers to the right represent the marks of the question.**

(5) **Draw neat diagrams wherever necessary.**

(6) **New sections should be written in a new page. Write the answers in numerical order.**

(7) **Question no. 54 of section D is map filling. It is a compulsory question.**

Section - A ———————————————————————————— **(24)**

■ **Answer the following objective questions as required. [1 Mark Each]**

○ **Match the following :**

Section 'A'	Section 'B'
(1) Mira-datar fair	[A] 1 Lakh
(2) Language of sages	[B] Rani ki Vav
(3) Shlokas of Mahabharat	[C] Right to Information
(4) Patan	[D] Sanskrit
(5) 2005	[E] Unava (Mahesana)

○ **State whether the following statements are true or false :**

(6) The Ramayana is the world's longest epic.

(7) The Modhera temple in Gujarat was built by the Solanki king Siddhraj Jaisinh.

(8) Madhya Pradesh, Gujarat, Rajasthan and Maharshtra get the benefit of the Sardar Sarovar multi-purpose project.

(9) The Yajurveda is known as the 'Gangotri of Music'.

(10) The earlier Buddhist literature was written in Tamil.

○ **Fill in the blanks with the correct option given in the brackets :**

(11) Veterinary Science developed in ancient India, in which '.........' by Shalihotra is well-known.   (Hasti Ayurveda, Ashwashastra, Ashtang Hriday)

(12) To produce 1 kg wheat, about ...... litres of water is needed.   (800, 1000, 1500)

(13) .... Railways has provided a good example of laying down railway tracks through tunnels in mountainous regions which were highly inaccessible.   (Konkan, Vivek, Himsagar)

(14) ..... state has the least area under irrigation.   (Manipur, Mizoram, Meghalaya)

(15) The concept of Human Development Index was propounded by .... an economist of indian origin, a Nobel Prize winner.   (Mehboob-Haque, C.V. Raman, Amartya Sen)

○ **Choose the correct option from those given below each question and write the answer :**

(16) Which law was passed in 1958 ?

[A] Water Body Protection Act   [B] Environment Protection Act

[C] Ancient Monuments and Archaeological Sites and Remains Act

[D] Wildlife and Marine Life Protection Act

(17) Which is the other name of Padkhau soil ?
[A] Alluvial soil   [B] Laterite soil   [C] Black soil   [D] Red soil

(18) Economically India is which type of country ?
[A] Developed   [B] Backward   [C] Developing   [D] Poor

(19) When was the first 'Earth Conference' organized to bring awareness about the environment ?
[A] 1972   [B] 1951   [C] 1992   [D] 2014

(20) Which Aticle has abolished the practice of untouchability ?
[A] 25   [B] 29   [C] 17   [D] 46

〇 **Answer the following questions in one or two words :**

(21) Which project has the Government started to make the trade balance of India positive ?

(22) Which is the biggest railway station of Gujarat ?

(23) Which Act was published by the government in 2016 for the upliftment of disabled ?

(24) Which city is known as the 'Silicon Valley of India' ?

Section - B ━━━━━━━━━━━━━━━━━━━━ (18)

〇 **Answer any nine questions out of thirteen questions (Q.25 to 37) in about 15 to 35 words : [2 Mark Each]**

(25) Give information about Aryans and the Dravidian culture.
(26) "India is a land of ancient culture". Explain the statement.
(27) Write short note on the iron and steel industry of India.
(28) Give information about the Khambhalida Caves.
(29) Describe the architectural style of Taj Mahal.
(30) Write your views regarding cleanliness and preservation of the tourist spots.
(31) Mention the reasons for the destruction of wild life.
(32) Write about : Red panda
(33) Give information about rainwater harvesting ?
(34) State the remedies to preserve the minerals.
(35) Describe in brief the plastic industry of India.
(36) The Jute industry has flourished more in west Bengal. Why ?
(37) Script writers have said that 'Bhavai' is an emotion oriented drama. Why ?

Section - C ━━━━━━━━━━━━━━━━━━━━ (18)

〇 **Answer any six questions out of nine questions (Q. 38 to 46) in about 60 to 80 words : [3 Mark Each]**

(38) Explain the town planning of ancient India. Describe it with various sections.
(39) Write a short note on sun temple of Konark.
(40) Give information about Nalanda university.
(41) Define mixed economy and state its features.
(42) Distinguish bewteen Economic activities and non-economic activities.
(43) What steps have been taken to protect the environment.

(44) How are the consumer exploited ?

(45) How is Human Development Index calculated and Explain in detail.

(46) State the social & economic effects of terrorism.

Section - D   (20)

O   **Answer any four questions out of seven questions (Q.47 to 53) in about 120 to 150 words : [4 Mark Each]**

(47) Give detail Information about the contribution of the ancient India in metallargy.

(48) Explain the progress of chemistry in ancient India ?

(49) Write notes on types of agriculture in India ?

(50) What are reasons for the emergence of poverty in India ?

(51) Discuss the measures to reduce unemployment in India.

(52) State the main provisions of the RTI.

(53) "Paddy" is the most important crop of India."Explain.

(54) Show the following places with proper symbols at their proper places in the given outlined map of India :

[1]   Gir National Park   [2]   Desert Soil
[3]   Sambhar Lake   [4]   Sugarcane growing state

Instructions :-

(1) Write in a clear legible handwriting.

(2) This question paper has four Sections A,B,C & D and Que. Numbers from 1 to 54.

(3) All question are compulsory. There are only internal options.

(4) The numbers to the right represent the marks of the question.

(5) Draw neat diagrams wherever necessary.

(6) New sections should be written in a new page.Write the answers in numerical order.

(7) Question no. 54 of section D is map filling. It is a compulsory question.

Section - A   (24)

■   **Answer the following objective questions as required. [1 Mark Each]**

○   **Match the following :**

Section 'A'	Section 'B'
(1) Bhavnath fair	[A] Surat
(2) Jari work	[B] Viramgam
(3) Munsar pond	[C] Junagadh
(4) Dholka	[D] Charter of Rights
(5) 1992	[E] Malav Talav

○   **State whether the following statements are true or false :**

(6) Communalism is a hindrance to the progress of an individual, the society and the nation.

(7) Soil means minute particles of hard parental rock which is made up of biotic elements.

(8) The Kadana-Vanakbori multi-purpose project is on Mahisagar river.

(9) According to article 341, those castes included in this schedule are called scheduled tribes.

(10) Market system is also called mixed system of economy.

○   **Fill in the blanks with the correct option given in the brackets :**

(11) The name laterite is derived from the Latin word "Later" which means ....
(Ietter, soil, brick)

(12) UNESCO declared .... caves as a World Heritage Site in 1987.
(Ellora, Ajanta, Elephanta)

(13) Hindus were called Aryans in ancient times . The region where they settled is called ....   (Bharatvarsh, Aryavart, Bharatkhand)

(14) National Highway No. 44 connects ...... to Kanniyakumari.
(Delhi, Srinagar, Amritsar)

(15) Madhya Pradesh, Gujarat, Rajasthan and Maharashtra get the benefit of the .... multi-purpose project.   (Narmada valley, Chambal valley, Damodar valley)

○ **Choose the correct option from those given below each question and write the answer :**

(16) Which of the following pairs is a mismatch ?
[A] Indian Museum - New Delhi   [B] Prince of Wales Museum - Mumbai
[C] Salarjung Museum - Hyderabad [D] Rashtriya Manav Sangrahalaya - Bhopal

(17) Which of the following economic activity is not related to service sector ?
[A] Communication   [B] Health
[C] Banking   [D] Mining of raw metal

(18) Connect the following in correct order :
[1] Shri Hemchandracharya Library   [a] Mumbai
[2] Indian Museum   [b] Bhopal
[3] Chhatrapati Shivaji Maharaj Vastu Sangrahalaya   [c] Patan
[4] Rashtriya Manav Sangrahalaya   [d] Kolkata
[A] (1-b), (2-a), (3-c), (4-d)   [B] (1-b), (2-a), (3-d), (4-c)
[C] (1-d), (2-c), (3-b), (4-a)   [D] (1-c), (2-d), (3-a), (4-b)

(19) For which of the following, international agreement have not yet been signed ?
[A] disposal of space debris   [B] deteriorating level of ozone
[C] maintenance of bio-diversity   [D] disposal of nuclear waste

(20) Keeping in view the pairs given below point out the correct sequencing :
State   **Insurgent organization**
[1] Tripura   [a] ULFA
[2] Manipur   [b] NSCN
[3] Nagaland   [c] ATTF
[4] Assam   [d] KNF
[A] (1-a), (2-d), (3-c), (4-b)   [B] (1-c), (2-d), (3-a), (4-b)
[C] (1-c), (2-d), (3-b), (4-a)   [D] (1-c), (2-b), (3-d), (4-a)

○ **Answer the following questions in one or two words :**

(21) Which project interlinks Delhi, Mumbai, Chennai and Kolkata ?

(22) Which economic system is also known as Free Market System ?

(23) Which is the main reason of the child labour ?

(24) What total income of the country is called ?

Section - B ─────────────────────────────────── (18)

○ **Answer any nine questions out of thirteen questions (Q.25 to 37) in about 15 to 35 words : [2 Mark Each]**

(25) Difference between India's natural and cultural Heritage.

(26) Write short note on : Preservation and conservation of cultural Heritage.

(27) Mention the steps to curb environmental degradation.

(28) Write a note on the Red Fort of Delhi.

(29) Give information about ancient Indian Literature.

(30) Write a note on 'Unity in diversity in India'.

(31) Explain the importance of seat belt.

(32) State the remedies of forest Conservation.

(33) Describe the circumstances creating water crises in india.

(34) Modern age is known as 'Mineral age'. Why ?

(35) What is humus ?

(36) Write brief information about cement industry.

(37) Write a short note on terrorism - a global problem.

Section - C (18)

○ **Answer any six questions out of nine questions (Q. 38 to 46) in about 60 to 80 words : [3 Mark Each]**

(38) Give detailed information about Mohen-Jo-Daro.

(39) Write a note on the duties of a motorist. (driver)

(40) Which new courses (curriculum) have been started by the government to provide employment ?

(41) Distinguish between Market / Capitalist system and Socialist system.

(42) Describe the structure of the Indian economy.

(43) What is globalization ? What measures have been undertaken to facilitate globalization ?

(44) Discuss in detail the reasons for the price rise.

(45) What is women empowerment ? Explain its nature.

(46) Explain in detail : Food cycle

Section - D (20)

○ **Answer any four questions out of seven questions (Q.47 to 53) in about 120 to 150 words : [4 Mark Each]**

(47) Give detailed information about vastushastra in Ancient India.

(48) Give detailed information about astronomy and Astrology in Ancient India.

(49) State the institutional reforms made in agriculture field in India.

(50) What is unemployment ? Give details of types of unemployemnt.

(51) State the main provisions of the RTE in detailed.

(52) Write about corruption and the efforts of the government to curb corruption.

(53) Describe the 'wheat crop of India'.

(54) Show the following places with proper symbols at their proper places in the given outlined map of India :

[1] Nepanagar paper industry   [2] Mumbai - Cotton textile industry

[3] Bhakra - Nangal Dam project [4] Jamshedpur - Iron steel industry

Paper No :- 01

Section :- A

(1)	D	(2)	A	(3)	B	(4)	C
(5)	E	(6)	False	(7)	False	(8)	True
(9)	True	(10)	True	(11)	Hyderabad	(12)	Dravidian
(13)	Lamba	(14)	Dhaka	(15)	Kaveri	(16)	D
(17)	A	(18)	B	(19)	B	(20)	B

(21) Pavanhans Helicopter　　(22) Kathak

(23) World yoga day　　(24) Bhotia people

Paper No :- 02

Section :- A

(1)	E	(2)	D	(3)	A	(4)	B
(5)	C	(6)	False	(7)	False	(8)	True
(9)	False	(10)	False	(11)	Ashwashastra		

(12) 1500　(13) Konkan　(14) Mizoram　(15) Amartya Sen

(16)	C	(17)	B	(18)	C	(19)	A
(20)	C	(21)	Make in India			(22)	Ahmedabad

(23) The Rights of Persons with Disabilities Act - 2016 (24) Bengaluru

Paper No :- 03

Section :- A

(1)	C	(2)	A	(3)	B	(4)	E
(5)	D	(6)	True	(7)	False	(8)	True
(9)	False	(10)	False	(11)	Brick	(12)	Elephanta
(13)	Aryavart	(14)	Srinagar	(15)	Narmada valley		
(16)	A	(17)	D	(18)	D	(19)	A
(20)	C			(21)	Golden Quadrilateral Highway		
(22)	Market economy			(23)	Poverty		

(24) National Income

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A1- GRADE

Salat Mahenoor

98.02 PR.

100/100 - SPCC

SUBJECT	SPCC.	STAT.	ECO.	ACC.	OCM.
90 UP Marks	17	6	6	7	7
HIGHEST	100	98	98	97	97

95 PR. UP **7** STUDENTS 90 PR. UP **15** STUDENTS

OUT OF **38** STUDENTS

STD - 10th RESULT 2024

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Ramoliya Khevna

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