



# SCSS-ST-25

## PCM Group

Question Booklet Sr. No.

Exam Date : 23/03/2025

Time : 02.30 pm to 05.00 pm

Max. Marks : 400

### Important Instructions :

1. Immediately fill the particulars on this page of The Booklet as well as Answer-sheet with Black or Blue Ball Pen. ***Use of Pencil is strictly prohibited.***
2. Do not open this Test Booklet until you are asked to do so.
3. This Test Booklet contains four sections A, B, C & D.
4. The Section-A contains **25** questions of **Physics**.
5. The Section-B contains **25** questions of **Chemistry**.
6. The Section-C contains **25** questions of **Mathematics**
7. The Section-D contains **25** questions of **Basic Mathematics & Mental ability**.
8. This Test Booklet contains **100** questions.
9. There are **four** choices for every question out of which only one choice is most correct (MCQ). Dark the appropriate circle on the OMR Answer-sheet with Blue/Blak Ball pen.
10. Each question carries 4 marks. There is negative marking system. For each wrong answer **1 mark will be deducted from obtained marks**.
11. Filling up more than one responses in any question will be treated as wrong response and marks for this will be deducted according to negative system.
12. **Do not fold or make any stray marks on the Answer-sheet.**
13. No candidates is allowed to carry any printed or written textual material, bits of paper, cell phone and any other electronic devices.
14. Rough work is to be done on the space provided in the Test Booklet only.
15. On completion of the test, the candidate must hand over the Answer-sheet to the Invigilator on duty. ***However, candidates are allowed to take away this Question paper with them.***

Name of Candidate (In capital letters) : \_\_\_\_\_

Seat No. : In figures

--	--	--	--	--	--	--

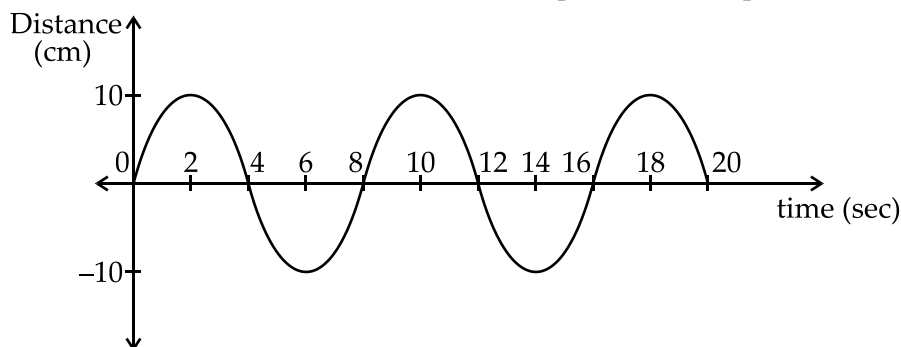


07. **Statement 1** : Moon completes one rotation around the earth then work done by gravity is zero.
- Statement 2** : Whenever a body is dropped from a certain height, kinetic energy gets converted to potential energy.
- 1) Statement - 1 is true, Statement - 2 is false
  - 2) Statement - 2 is true, Statement - 1 is false
  - 3) Both are true
  - 4) Both are false
08. A force of 50 N acts on a body to displace it by 5 m. If the work done in this process is 125 J, then find the angle between the direction of the force and the displacement.
- 1)  $0^\circ$
  - 2)  $60^\circ$
  - 3)  $45^\circ$
  - 4)  $90^\circ$
09. If an object is freely falling from height of 45 m. Find the time taken by the object to reach the ground. ( $g = 10 \text{ m/s}^2$ )
- 1) 2 s
  - 2) 3 s
  - 3) 4 s
  - 4) 5 s
10. Which of the following statement is / are **correct** ?
- i) All planets revolve around the sun in circular orbit.
  - ii) Acceleration due to gravity ( $g$ ) is greater at poles than equator.
  - iii) The weight of body at centre of the earth is zero.
- 1) All i, ii and iii are correct
  - 2) Only ii is correct
  - 3) Only i and ii is correct
  - 4) Only ii and iii are correct
11. **Assertion (A)** : Whether the object is falling towards or moving away from the earth, the direction of acceleration is always towards the earth.
- Reason (R)** : The value of ' $g$ ' near earth's surface is  $9.8 \text{ m/s}^2$ .
- 1) A and R both correct and R is correct explanation of A.
  - 2) A and R both correct but R is not correct explanation of A.
  - 3) A is correct, R is incorrect
  - 4) A is incorrect, R is correct

---

Space for rough work

12. An object just floats in water. If common salt is added in water, then
- 1) volume of the immersed part in the liquid decreases.
  - 2) object sinks
  - 3) object first sinks and then floats up
  - 4) cannot be determined
13. The ratio of density of a substance to the density of water at  $4^{\circ}\text{C}$  is called as
- 1) relative mass
  - 2) specific gravity
  - 3) relative volume
  - 4) relative weight
14. The transverse wave is shown below. What is the time period and amplitude of the given wave ?

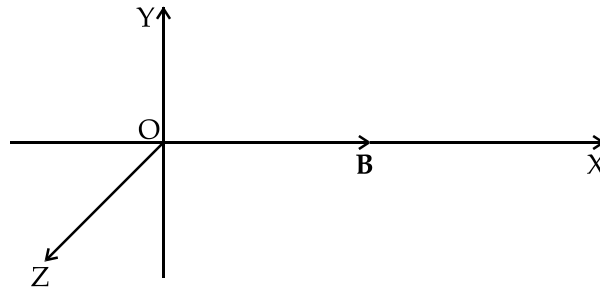
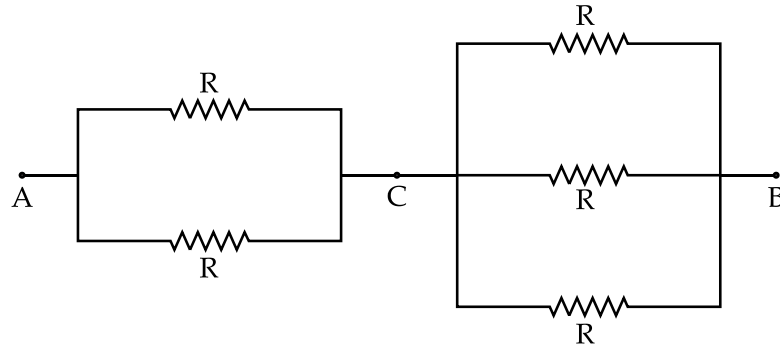


- 1) Time period = 4 s; amplitude = 5 cm
  - 2) Time period = 8 s; amplitude = 10 cm
  - 3) Time period = 4 s; amplitude = 10 cm
  - 4) Time period = 8 s; amplitude = 5 cm
15. Which of the following statements is / are **correct** ?
- i) Velocity of sound in vacuum is 330 m/s.
  - ii) A longitudinal wave is made up of crest and trough.
  - iii) A transverse wave is made up of compression and rarefaction.
- 1) Only i correct
  - 2) Only i and ii correct
  - 3) Only ii and iii correct
  - 4) None of the above
16. A 20 watt heater just keeps 400 g of molten metal at its melting point. The heater is switched off and the temperature starts falling after 5 minutes. Its latent heat of fusion of the metal is (in  $\text{J g}^{-1}$ )
- 1)  $15 \text{ J g}^{-1}$
  - 2)  $9 \text{ J g}^{-1}$
  - 3)  $17 \text{ J g}^{-1}$
  - 4)  $5 \text{ J g}^{-1}$
17. During very cold nights, some water pipe lines burst due to
- 1) less expansion
  - 2) severe contraction
  - 3) anomalous expansion
  - 4) high energy

---

Space for rough work

18. A set five identical resistances are arranged as shown in the figure. Find the ratio of resistance between the points AB to AC.



### Space for rough work



## Section-B : Chemistry

26. The angular momentum of an electron in  $n^{\text{th}}$  orbit is given by
- 1)  $nh$
  - 2)  $\frac{h}{2\pi n}$
  - 3)  $\frac{nh}{2\pi}$
  - 4)  $\frac{\pi^2 h}{2}$
27. Which is correct molecular formula in which N (Oxidation state -2), and hydrogen (Oxidation state +1)?
- 1)  $\text{NH}_3$
  - 2)  $\text{NH}$
  - 3)  $\text{N}_2\text{H}_3$
  - 4)  $\text{N}_2\text{H}_4$
28. **Assertion (A)** : Sodium chloride is an ionic compound.  
**Reason (R)** : Chemical compound formed by mutual sharing of electron between two combining atoms is covalent compound.
- 1) Both A and R are correct and R is correct explanation of A.
  - 2) Both A and R are correct but R is not correct explanation of A.
  - 3) A is correct and R is incorrect.
  - 4) Both A and R are incorrect.
29. **Statement - I** : Global temperature is gradually increases due to green house effect.  
**Statement - II** :  $\text{CO}_2$ ,  $\text{SO}_2$ ,  $\text{N}_2\text{O}$  are green house gases.
- 1) Both statement - I and statement II are correct.
  - 2) Both statement - I and statement II are incorrect.
  - 3) Statement - I is correct and statement II is incorrect.
  - 4) Statement - I is incorrect and statement II is correct.
30. Which of the following graph shows the change in pH when zinc carbonate is added to hydrochloric acid until it is in excess ?
- 1)

2)

3)

4)
31. 10 ml of a solution of  $10^{-2}$  M NaOH is found to be completely neutralised by 8 ml of a given solution of HCl. If we take 20 ml of the same solution of NaOH, the amount of HCl solution required to neutralise it will be
- 1) 4 ml
  - 2) 8 ml
  - 3) 12 ml
  - 4) 16 ml

Space for rough work

32. Which one of the following pair of atom is most unlikely to form ionic bond ?

- |              |              |
|--------------|--------------|
| 1) Na and Cl | 2) Mg and F  |
| 3) Al and F  | 4) Al and Cl |

33. Match the column - I with column - II.

Column - I (Compound)				Column - II (Type of compound)			
A) $K_2[HgI_4]$				i) Complex salt			
B) $CaOCl_2$				ii) Double salt			
C) $Ca(OH)NO_3$				iii) Mixed salt			
D) $K_2SO_4 \cdot Al_2(SO_4)_3 \cdot 24H_2O$				iv) Basic salt			
(A)	(B)	(C)	(D)	(A)	(B)	(C)	(D)
1) i	iii	ii	iv	2) i	iii	iv	ii
3) iii	i	iv	ii	4) ii	iv	iii	i

34. Arrange the following ions in the ascending order of tendency to get discharged at the respective electrodes.

- |                        |                        |
|------------------------|------------------------|
| A) Copper              | B) Potassium           |
| C) Iron                | D) Zinc                |
| E) Hydrogen            |                        |
| 1) $A > B > C > D > E$ | 2) $B > D > C > E > A$ |
| 3) $D > B > C > E > A$ | 4) $B > C > D > E > A$ |

35. Oxidation state of iron in sodium nitroprusside  $Na_2[Fe(CN)_5(NO)]$  and in brown ring  $[Fe(H_2O)_5NO]SO_4$  complex are respectively

- |           |           |
|-----------|-----------|
| 1) +2, +2 | 2) +3, +3 |
| 3) +2, +1 | 4) +3, +2 |

36. Match the extraction process listed in column - I with metals listed in column - II.

Column - I				Column - II			
A) Self reduction				i) Lead			
B) Carbon reduction				ii) Silver			
C) Complex formation and displacement by metal				iii) Copper			
D) Decomposition of iodide				iv) Boron			
1) $A \rightarrow i, iii$	$B \rightarrow ii, iii$	$C \rightarrow i$	$D \rightarrow ii, iv$				
2) $A \rightarrow i, iii$	$B \rightarrow i, iii$	$C \rightarrow ii$	$D \rightarrow iv$				
3) $A \rightarrow i, iii$	$B \rightarrow iv$	$C \rightarrow i$	$D \rightarrow i, ii$				
4) $A \rightarrow i, ii$	$B \rightarrow i, iii$	$C \rightarrow iii$	$D \rightarrow iv$				

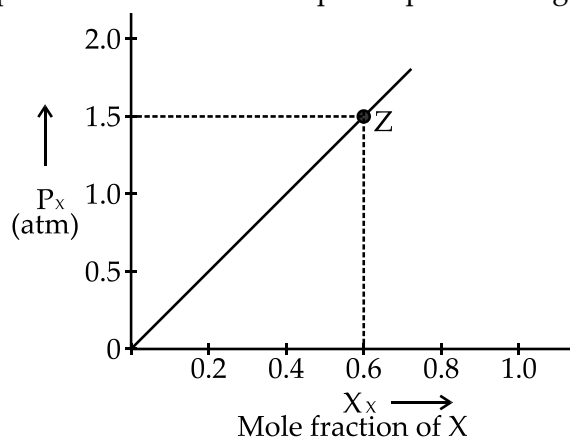
37. Which among the following is an oxide ore of lead ?

- |               |             |
|---------------|-------------|
| 1) lead ochre | 2) galena   |
| 3) anglesite  | 4) dolomite |

Space for rough work



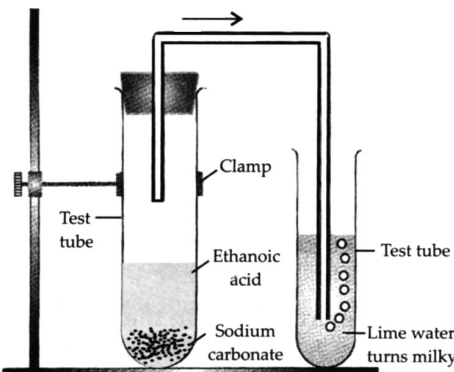
38. In Mendeleev's periodic table, gaps were left for the elements to be discovered later, which of the following element found to be a place in the periodic table ?
- 1) Scandium
  - 2) Gallium
  - 3) Germanium
  - 4) All of these
39. **Assertion (A) :** The given trend is increasing order of metallic character  $\text{Na} < \text{K} < \text{Rb} < \text{Cs}$ .  
**Reason (R) :** Non metallic character increases along a period and decreases down the group.
- 1) Both A and R are correct and R is correct explanation of A.
  - 2) Both A and R are correct but R is not correct explanation of A.
  - 3) A is correct and R is incorrect.
  - 4) Both A and R are incorrect.
40. 'Omkar' studies how pressure varies with mole fraction of a gas X in combination with non-reacting gas Y. He plotted a graph as shown. What is the partial pressure of gas Y at point Z ?



- 1) 1 atm
  - 2) 1.5 atm
  - 3) 2.0 atm
  - 4) 2.5 atm
41. A cylinder is filled with equal number of molecules of  $\text{O}_2$ ,  $\text{CO}_2$  and He. When leakage occurs,
- 1) Helium gas escapes to maximum extent.
  - 2) Oxygen gas escapes to a minimum extent.
  - 3) All gases escapes to same extent.
  - 4) Carbondioxide gases escapes to maximum extent.
42. The molarity of solution obtained by mixing 750 ml of 0.5 M HCl with 250 ml of 2 M HCl solution is
- 1) 1.825
  - 2) 2.025
  - 3) 1.625
  - 4) 0.875
43. Consider the reactions,
- i)  $\frac{1}{2}\text{N}_2 + \frac{3}{2}\text{H}_2 \longrightarrow \text{NH}_3$
  - ii)  $\text{N}_2 + 2\text{H}_2 \longrightarrow \text{N}_2\text{H}_4$
- for fixed 14 g of nitrogen the ratio of other element in  $\text{NH}_3$  and  $\text{N}_2\text{H}_4$  is
- 1)  $\frac{3}{2} : 2$
  - 2)  $\frac{1}{2} : 2$
  - 3)  $2 : 1$
  - 4)  $3 : 2$

---

Space for rough work

44. How many methylene units are extra in the structural formula of the fourth member than the second member of homologous series of alcohol ?
- 0
  - 1
  - 2
  - 3
45. The soap molecule has
- Hydrophobic hydrocarbon tail and hydrophilic ionic head
  - Hydrophilic hydrocarbon tail and hydrophobic ionic head
  - Hydrophobic hydrocarbon tail and hydrophobic ionic head
  - Hydrophilic hydrocarbon tail and hydrophilic ionic head
46. Match the column I and column II and select **correct** option from the given codes :
- | Column - I                                   | Column - II                        |
|--|------------------------------------|
| A) $C_2H_5OH \longrightarrow H_3C - COOH$    | i) Conc. $H_2SO_4$ , $170^\circ C$ |
| B) $C_2H_5OH \longrightarrow CH_2 = CH_2$    | ii) $H_2$ , Ni                     |
| C) $CH_4 \longrightarrow CH_3Cl$             | iii) Alkaline $KMnO_4$             |
| D) $H_2C = CH_2 \longrightarrow CH_3 - CH_3$ | iv) $Cl_2$ , sunlight              |
- A - i, B - iii, C - ii, D - iv
  - A - iv, B - iii, C - ii, D - i
  - A - i, B - ii, C - iii, D - ii
  - A - iii, B - i, C - iv, D - ii
47. Denaturated spirit is the mixture of
- Ethanol and ethanoic acid
  - Ethanol and methanol
  - Acetic acid and methanol
  - Methanol and propanal
48. The apparatus arranged as shown in the figure. Place sodium carbonate powder in big test tube pour 10 ml acetic acid and pass the gas and observe the changes taking place in two test tube, the bubbles seen in small test tube is due to formation of
- 
- $H_2S$  gas
  - $O_2$  gas
  - $CO_2$  gas
  - $H_2$  gas
49. **Statement - I** : Plastic containers are favoured for food storing.  
**Statement - II** : Plastic containers are non reactive towards food.
- Both statement - I and statement II are correct.
  - Both statement - I and statement II are incorrect.
  - Statement - I is correct and statement II is incorrect.
  - Statement - I is incorrect and statement II is correct.
50. Charcoal does not produce a flame because.
- it is solid fuel
  - it does not vapourise
  - it is black in colour
  - it has very high calorific value

Space for rough work

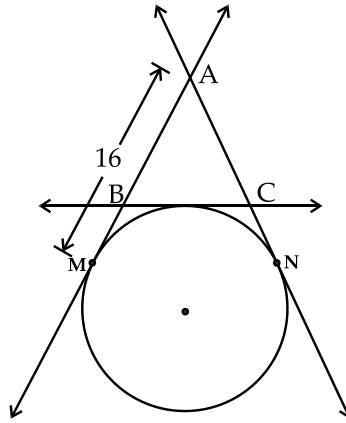
51. **Statement - I :** The H.C.F. of polynomial  $12a^3b^4c^2$ ,  $18a^4b^3c^3$  and  $24a^6b^2c^4$  is  $6a^6b^4c^4$
- Statement - II :** L.C.M. of  $\frac{\pi}{2}$  and  $\frac{\pi^2}{2}$  is  $\frac{\pi^2}{2}$ .
- 1) Statement - I is true, Statement - II is false.      2) Statement - I is false, Statement - II is true.  
 3) Both statements are true.      4) Both statements are false.
52. If the system of equation  $(2p+q+1)x+qy=5$  and  $(p+2q)x+(p+3q-1)y=10$  has infinite many solutions then the value of  $p+q$ .
- 1) 1      2) -1  
 3) 0      4) none of these
53. If  $\alpha$  and  $\beta$  are the zeros of the polynomial  $p(x) = x^2 + 4x + 3$  and  $1 + \frac{\beta}{\alpha}$  and  $1 + \frac{\alpha}{\beta}$  are the roots of the quadratic equation  $px^2 + qx + r = 0$  then the value of  $p+q-r =$
- 1) 0      2) 1  
 3) 29      4) -29
54. The reduction of the expression  $\frac{2x}{x^4+x^2+1} + \frac{1}{x^2+x+1}$  is
- 1)  $\frac{3x}{x^4+x^2+1}$       2)  $\frac{x}{x^2-x+1}$   
 3)  $\frac{1}{x^2-x+1}$       4) none of these
55. Let  $\alpha$  and  $\beta$  are roots of the equation  $2x^2 - 2x - 5 = 0$ , then the value of  $\alpha^3 - \beta^3 =$
- 1)  $\frac{2497}{2}$       2)  $\frac{2499}{2}$   
 3)  $\frac{2411}{2}$       4) none of these
56. If  $\frac{12}{3+\sqrt{5}-2\sqrt{2}} = 1 + \sqrt{a} + \sqrt{b} - \sqrt{c}$ , then the value of  $a+b-c =$
- 1) 12      2) 13  
 3) 11      4) 10
57. Let  $f(x) = ax^2 + bx + c$  is a quadratic polynomial in 'x' and leaves remainders 6, 11 and 18 respectively when divided by  $(x+1)$ ,  $(x+2)$  and  $(x+3)$  then which of the following statement is correct
- 1)  $f(x) = 0$  has two distinct real roots      2)  $f(x) = 0$  has two equal real roots  
 3)  $f(x) > 0; \forall x \in R$       4)  $f(x) < 0; \forall x \in R$

---

Space for rough work

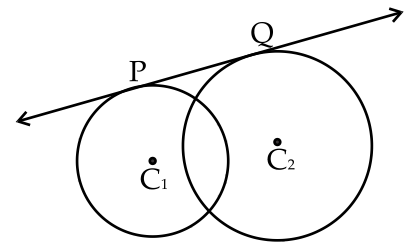


63. In the given figure;  $l(AM) = 16$  then the semiperimeter of the  $\triangle ABC$  is



- 1) 8  
2) 16  
3) 32  
4) 12
64. Let two circle having centers  $C_1$  and  $C_2$  with radius  $a$  and  $b$  respectively as shown in figure,  $l(C_1C_2) = d$  then the length of PQ is

- 1)  $\sqrt{d^2 + a^2 - b^2}$   
2)  $\sqrt{d^2 - a^2 - b^2}$   
3)  $\sqrt{d^2 + (a-b)^2}$   
4)  $\sqrt{d^2 - (b-a)^2}$



65. The value of  $\frac{\sin^2 x - \sin^2 x \cos^2 x + \cos^4 x}{\cos^2 x - \sin^2 x \cos^2 x + \sin^4 x}$  is

- 1)  $\tan^2 x$   
2)  $\cot^4 x$   
3) 1  
4)  $\cot^2 x$

66. Using  $\tan(A - B) = \frac{\tan A - \tan B}{1 + \tan A \tan B}$ , find 'x' from  $\tan 50^\circ + \tan 20^\circ = \tan 70^\circ - x$ .

- 1)  $\tan 30^\circ$   
2)  $\tan 20^\circ$   
3)  $\tan 0^\circ$   
4)  $\tan 50^\circ$

67. If  $\cot \theta + \cos \theta = m$  and  $\cot \theta - \cos \theta = n$  then  $\frac{m^2 - n^2}{2} =$

- 1)  $4\sqrt{mn}$   
2)  $2\sqrt{mn}$   
3)  $4mn$   
4)  $2mn$

68. A child consumed an ice-cream of inverted right-circular conical shape from the top and left only 34.3% of the cone for her mother. If the height of the ice-cream cone was 7 cm. What was the height of the remaining ice-cream cone.

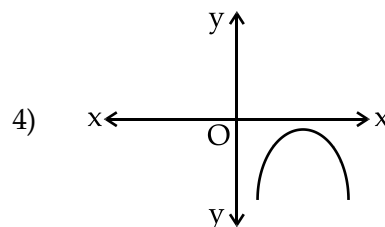
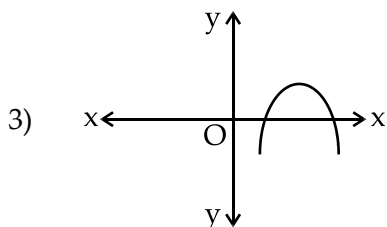
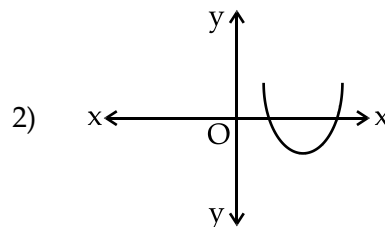
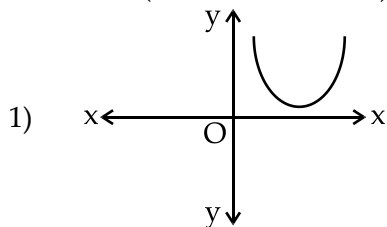
- 1) 4.7 cm  
2) 4.8 cm  
3) 4.9 cm  
4) 4.0 cm

69. A solid toy is in the form of a hemisphere surmounted by a right circular cone. Height of the cone is 3 cm and the diameter of the cone is 6 cm, if a right circular cylinder circumscribes the solid. Find how much more space will it cover ?

- 1)  $27 \text{ cm}^3$   
2)  $18 \text{ cm}^3$   
3)  $9 \text{ cm}^3$   
4) none of these

Space for rough work

70. The area of the triangle formed by the lines  $x + y - 2 = 0$ ,  $2x - 3y + 4 = 0$  and  $x$ -axis is
- 1)  $\frac{8}{7}$  sq. unit
  - 2)  $\frac{16}{5}$  sq. unit
  - 3) 15 sq. unit
  - 4) 8 sq. unit
71. If P, Q are two point whose co-ordinate are  $(at^2, 2at)$ ,  $\left(\frac{a}{t^2}, \frac{-2a}{t}\right)$  respectively and point S having co-ordinate  $(a, 0)$  then  $\frac{1}{SP} + \frac{1}{SQ} =$
- 1)  $\frac{1}{a}$
  - 2)  $\frac{1}{a^2}$
  - 3)  $\frac{t^2}{t^2 + 4}$
  - 4)  $\frac{1}{t^2}$
72. The one number is selected from the first 70 natural numbers then the probability that the number is a solution of  $x^2 + 2x > 4$  is
- 1)  $\frac{69}{70}$
  - 2)  $\frac{1}{70}$
  - 3)  $\frac{2}{70}$
  - 4) 0
73. If 5 is added to each and every item of the data, then the mean of the new data is
- 1) 5 times to the original mean
  - 2) Increased by 5 to the original mean
  - 3) Equal to original mean
  - 4) none of these
74. If  $\frac{\log_2 a}{4} = \frac{\log_2 b}{6} = \frac{\log_2 c}{3k}$  and  $a^3 b^2 c = 1$  then  $k$  is
- 1) positive integer
  - 2) negative integer
  - 3) irrational number
  - 4) prime number
75. Which of the following nature of graph of the quadratic expression  $p(x) = ax^2 + bx + c$  such that  $a > 0$  and  $\Delta < 0$  (where,  $\Delta = b^2 - 4ac$ ) is




---

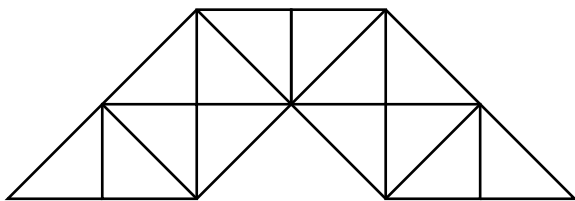
Space for rough work

76. If sum of the squares of zeroes of the quadratic polynomial  $f(x) = x^2 - 8x + k$  is 40, the value of  $k$  is  
 1) 10    2) 12  
 3) 14    4) 16
77. The pair of equations  $3x + 4y = k$  and  $9x + 12y = 6$  has infinitely many solutions if  
 1)  $k = 2$     2)  $k = 6$   
 3)  $k \neq 2$     4)  $k = 3$
78. Which term of the A.P. 20, 17, 14, ..... is first negative term ?  
 1) 8<sup>th</sup>    2) 6<sup>th</sup>  
 3) 9<sup>th</sup>    4) 7<sup>th</sup>
79.  $\triangle ABC \sim \triangle DEF$  such that  $AB = 9.1$  cm and  $DE = 6.5$  cm. If the perimeter of  $\triangle DEF$  is 25 cm, then what is the perimeter of  $\triangle ABC$   
 1) 35 cm    2) 28 cm  
 3) 42 cm    4) 40 cm
80. If the centroid of the triangle formed by the points  $(a, b)$ ,  $(b, c)$  and  $(c, a)$  is at the origin, then  $a^3 + b^3 + c^3$  is equal to  
 1)  $abc$     2) 0  
 3)  $a + b + c$     4)  $3abc$
81. If  $\sqrt{3} \tan \theta = 3 \sin \theta$ , then  $\sin^2 \theta - \cos^2 \theta$  is equal to  
 1)  $\sqrt{3}$     2)  $\frac{2}{3}$   
 3)  $\frac{1}{3}$     4)  $\frac{1}{\sqrt{3}}$
82. In two concentric circles, if chords are drawn in the outer circle which touch the inner circle, then  
 1) all chords are of different lengths.  
 2) all chords are of same length.  
 3) only parallel chords are of same length.  
 4) only perpendicular chords are of same length.
83. A pendulum swings through an angle of  $30^\circ$  and describes an arc 8.8 cm in length. The length of the pendulum is :  
 1) 15 cm    2) 16 cm  
 3) 15.5 cm    4) 16.8 cm

**March 23, 2025**

**March 23, 2025**





- [illegible]

(17)



SHIV CHHATRAPATI SHIKSHAN SANSTHA, LATUR

**RAJARSHI SHAHU JR. SCIENCE COLLEGE,  
LATUR**

 **Shahu Screening Test 2025**

**IMPORTANT DATES - STATE AND CBSE BOARD STUDENTS**

<b>SHAHU SCREENING TEST - 2025 ( OFFLINE MODE ONLY ) DATE : 23 March 2025</b>	PCB GROUP - 10-00 AM TO 12-00 PM
	PCM GROUP - 02-30 PM TO 05-00 PM
<b>ADMIT CARD ISSUE</b>	20 March 2025.
Online Display of Provisional Answer Key	<b>23-March-2025 : After 07-00 PM</b>
Objections on Provisional Answer Key ( Through Login )	<b>25-March-2025 : UPTO 05-00 PM</b>
<b>Online Declaration -</b> 1. Final Answer Key, 2. Copy of Candidate OMR Sheet, 3. Result of SCREENING TEST -2024 (Individual Login)	<b>05-April-2025 After 02-00 PM</b>
Parent Meeting of Selected Candidate	06-April-2025 : 11-00 AM
Admissions :- First Selected List	06-Apr to 09 April-2025 : 02 PM
Admissions : Second Selected List	10-April to 12-Apr -2025 : 02 PM

**Date of Commencement of Classes will be declared  
in parent meeting**

वरील तारखांमध्ये काही बदल झाल्यास वेबसाईट वर सूचना दिली जाईल.

## Students Admitted - AIIMS & AFMC Across India

YEAR ON YEAR  
NEET-UG-2024



**SARTH PATIL**  
AIIMS-BHOPAL



**SHIVAM AGRAWAL**  
AIIMS-BHOPAL



**ABHINAV KHOPTIKAR**  
AIIMS-BHOPAL



**LAXMAN KADAM**  
AIIMS-RUSHIKESH



**SHREYAS ALANGEKAR**  
AIIMS-KALYANI



**PRATHAMESH ARAGE**  
AIIMS-KALYANI



**ABHIJEET LUKADE**  
AFMC-PUNE



**SHASHI KADAM**  
AIIMS-NAGPUR



**PRATHMESH CHAVAN**  
AIIMS-NAGPUR



**MANNASVI MASKE**  
AIIMS-NAGPUR



**ADITYA WAGALGAVE**  
AIIMS-NAGPUR



**SUMIT AMILPURE**  
AIIMS-HYDERABAD



**URVI YADAV**  
AIIMS-HYDERABAD



**PRATHMESH PATHARKAR**  
AIIMS-HYDERABAD



**SHIVAM CHAVAN**  
AIIMS-HYDERABAD



**SAMRUDHI BHALERAO**  
AIIMS-HYDERABAD



**TAHREEM HAJRA SHAIKH**  
AIIMS-HYDERABAD

15% AIO MBBS Seats



**AYUSH VAIDYA**  
B.J. PUNE



**PRANJALI NETKE**  
GSMC-MUMBAI



**PREETI PADGHAN**  
GSMC-MUMBAI

**#TransformingYour DreamsintoReality**

## Students Admitted in IIT Colleges - 2024



**आर्यन सुर्यवंशी**  
IIT-Mumbai  
Mechanical



**मैत्रय श्रीमाले**  
IIT-Mumbai  
Electrical



**प्रिया पाटील**  
IIT-Mumbai  
Civil



**मकरंद कुलकर्णी**  
IIT-Bhubaneswar  
Civil



**स्नेहा जाधव**  
IIT-Dhanabad  
Eng. Physics



**हर्षवर्धन मसलगे**  
IIT-Gandhinagar  
Artificial Intell.



**अद्वैत आंधळे**  
IIT-Gandhinagar  
Artificial Intell.



**चैतन्य बिराजदार**  
IIT-Gandhinagar  
Chemical



**समृद्धी सोनवणे**  
IIT-Guwahati  
Comp. Sci.



**तनिष्क भुजबळे**  
IIT-Hyderabad  
Artificial Intell.



**अंशुम बनसोडे**  
IIT-Jodhpur  
Electrical



**योगेश साखरे**  
IIT-Kharagpur  
Biotech.



**श्रावणी मुदकत्रा**  
IIT-Pallakad  
Comp. Sci.



**रूदाक्ष दिक्षीत**  
IIT-Patna  
Electronics



**वेदांत हालकुडे**  
IIT-Roorke  
Chemical



**श्रीया देव**  
IIT-Indore  
Math. & Computing



**अभिलाषा सुर्यवंशी**  
IIT-Tirupati  
Chemical



**सोहम लाभशेटवार**  
IIT-Varanasi  
Electronics

**Legacy Continues with RSML's Result Creating System**



March 23, 2025



**ANSWER KEY**  
**SCSS-ST-25**  
**PCM Group**



01. (2)	02. (2)	03. (2)	04. (3)	05. (2)	06. (1)	07. (1)	08. (2)	09. (2)	10. (4)
11. (2)	12. (1)	13. (2)	14. (2)	15. (4)	16. (1)	17. (3)	18. (3)	19. (4)	20. (3)
21. (1)	22. (3)	23. (4)	24. (2)	25. (2)	26. (3)	27. (4)	28. (2)	29. (3)	30. (3)
31. (4)	32. (4)	33. (2)	34. (2)	35. (3)	36. (2)	37. (1)	38. (4)	39. (2)	40. (1)
41. (1)	42. (4)	43. (4)	44. (3)	45. (1)	46. (4)	47. (2)	48. (3)	49. (1)	50. (2)
51. (4)	52. (1)	53. (4)	54. (3)	55. (4)	56. (2)	57. (3)	58. (2)	59. (2)	60. Bonus
61. (4)	62. (1)	63. (2)	64. (4)	65. (3)	66. (4)	67. (2)	68. (3)	69. (4)	70. (2)
71. Bonus	72. (1)	73. (2)	74. (2)	75. (1)	76. (2)	77. (1)	78. (1)	79. (1)	80. (4)
81. (3)	82. (2)	83. (4)	84. (2)	85. (1)	86. (3)	87. (1)	88. (2)	89. (3)	90. (2)
91. (2)	92. (1)	93. (2)	94. (4)	95. Bonus	96. (3)	97. (3)	98. (3)	99. (2)	100. (4)

March 23, 2025



**ANSWER KEY**  
**SCSS-ST-25**  
**PCM Group**



01. (1)	02. (1)	03. (2)	04. (2)	05. (4)	06. (2)	07. (2)	08. (2)	09. (3)	10. (2)
11. (1)	12. (3)	13. (3)	14. (4)	15. (3)	16. (2)	17. (1)	18. (2)	19. (2)	20. (4)
21. (2)	22. (2)	23. (4)	24. (1)	25. (3)	26. (4)	27. (4)	28. (2)	29. (2)	30. (3)
31. (3)	32. (4)	33. (2)	34. (3)	35. (3)	36. (1)	37. (4)	38. (4)	39. (3)	40. (1)
41. (2)	42. (1)	43. (4)	44. (2)	45. (1)	46. (1)	47. (2)	48. (3)	49. (4)	50. (2)
51. (2)	52. (3)	53. (2)	54. (2)	55. Bonus	56. (4)	57. (1)	58. (4)	59. (3)	60. (4)
61. (4)	62. (2)	63. (3)	64. (4)	65. (2)	66. (4)	67. (1)	68. (2)	69. (4)	70. (3)
71. (2)	72. (1)	73. (2)	74. Bonus	75. (1)	76. (3)	77. (2)	78. (4)	79. (2)	80. (1)
81. (2)	82. (1)	83. (1)	84. (1)	85. (4)	86. (2)	87. (1)	88. (2)	89. (4)	90. Bonus
91. (3)	92. (1)	93. (2)	94. (3)	95. (2)	96. (2)	97. (4)	98. (3)	99. (3)	100. (3)

March 23, 2025



**ANSWER KEY**  
**SCSS-ST-25**  
**PCM Group**

SET  
**C**

01. (1)	02. (3)	03. (4)	04. (2)	05. (2)	06. (1)	07. (3)	08. (3)	09. (4)	10. (3)
11. (2)	12. (4)	13. (2)	14. (2)	15. (1)	16. (1)	17. (1)	18. (2)	19. (2)	20. (4)
21. (2)	22. (2)	23. (2)	24. (3)	25. (2)	26. (4)	27. (2)	28. (3)	29. (1)	30. (2)
31. (1)	32. (4)	33. (4)	34. (3)	35. (1)	36. (2)	37. (1)	38. (4)	39. (2)	40. (1)
41. (4)	42. (4)	43. (2)	44. (2)	45. (3)	46. (3)	47. (4)	48. (2)	49. (3)	50. (3)
51. Bonus	52. (1)	53. (2)	54. (2)	55. (1)	56. (4)	57. (2)	58. (3)	59. (4)	60. (2)
61. (4)	62. (3)	63. (2)	64. (4)	65. (1)	66. (2)	67. (3)	68. (2)	69. (2)	70. Bonus
71. (4)	72. (1)	73. (4)	74. (3)	75. (4)	76. (3)	77. (3)	78. (3)	79. (2)	80. (4)
81. (2)	82. (1)	83. (2)	84. (4)	85. Bonus	86. (3)	87. (2)	88. (2)	89. (3)	90. (1)
91. (3)	92. (2)	93. (4)	94. (2)	95. (1)	96. (2)	97. (1)	98. (1)	99. (1)	100. (4)

March 23, 2025



**ANSWER KEY**  
**SCSS-ST-25**  
**PCM Group**

SET  
**D**

01. (2)	02. (4)	03. (2)	04. (2)	05. (1)	06. (2)	07. (2)	08. (2)	09. (3)	10. (2)
11. (1)	12. (3)	13. (4)	14. (2)	15. (2)	16. (2)	17. (4)	18. (2)	19. (1)	20. (1)
21. (1)	22. (3)	23. (3)	24. (4)	25. (3)	26. (2)	27. (1)	28. (4)	29. (2)	30. (1)
31. (3)	32. (4)	33. (2)	34. (3)	35. (3)	36. (4)	37. (2)	38. (3)	39. (1)	40. (2)
41. (2)	42. (3)	43. (2)	44. (4)	45. (4)	46. (1)	47. (4)	48. (4)	49. (3)	50. (1)
51. (4)	52. (3)	53. (2)	54. (4)	55. (1)	56. (4)	57. (1)	58. (4)	59. (3)	60. (4)
61. Bonus	62. (1)	63. (2)	64. (2)	65. (1)	66. (2)	67. Bonus	68. (2)	69. (2)	70. (3)
71. (4)	72. (2)	73. (3)	74. (4)	75. (2)	76. (3)	77. (2)	78. (2)	79. (3)	80. (1)
81. (2)	82. (1)	83. (1)	84. (1)	85. (4)	86. (3)	87. (3)	88. (3)	89. (2)	90. (4)
91. (2)	92. (1)	93. (4)	94. (3)	95. (2)	96. (2)	97. (1)	98. (2)	99. (4)	100. Bonus