VIKRAMADITYA ACADEMY
Sainik School • RMS • RIMC Coaching | Day Boarding & Boarding

EDITION 2026-27

REASONING

INTELLIGENCE TEST • MENTAL ABILITY

For Class VI Entrance Examinations

SAINIK SCHOOL
AISSEE — Official Syllabus

MILITARY SCHOOL
RMS CET — Official Syllabus

CLASS VI

- 23 Chapters — complete official syllabus
- Theory, short tricks & solved examples
- Academy class notes in every chapter
- 4600 PYQ-pattern questions (200 per chapter)
- Answer key with solution for every question
- Verbal, Non-Verbal & Figure-based Reasoning

By **MANOJ SIR**

Junior Engineer (J.E.), Government of Haryana

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REASONING

Intelligence Test • Mental Ability

For Class VI — Sainik School (AISSEE) & Rashtriya Military School (RMS CET)

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Syllabus pages are based on the official AISSEE-2027 and RMS CET information bulletins.

OFFICIAL SYLLABUS — INTELLIGENCE / REASONING (CLASS VI)

A. ALL INDIA SAINIK SCHOOLS ENTRANCE EXAMINATION (AISSEE) — CLASS VI

Source: AISSEE-2027 Information Bulletin (Appendix II, "Topics covered in Class VI: Intelligence"; Para 4.4.3.1 Scheme of Examination). Questions are of multiple-choice type (OMR); there is **no negative marking**.

Section	Subject	No. of Questions	Marks each	Total Marks
A	Language	25	2	50
B	Mathematics	50	3	150
C	**Intelligence**	**25**	**2**	**50**
D	General Knowledge	25	2	50
	Total	**125**		**300**

Topics covered in Class VI: Intelligence (Total Questions 25, Max Marks 50)

Sl.	Official Topic
1	Analogies (Mathematical & Verbal)
2	Pattern (Spatial and Mathematical)
3	Classification
4	Visual & Logical Reasoning
5	Series and Sequences
6	Critical Thinking and Problem Solving
7	Familial Relations

B. RASHTRIYA MILITARY SCHOOLS COMMON ENTRANCE TEST (RMS CET) — CLASS VI

Source: RMSs CET Information Bulletin (Chapter 7, "Broader Syllabus for RMSs"). The written test is of **Class V standard** for Class VI admission and the paper is **bilingual (English and Hindi)**. Duration: 2 hours 30 minutes. English marks are only qualifying and are not counted in the final merit list.

Paper	No. of Questions	Max Marks	Min % to qualify
(a) English (qualifying)	50	50	35%
(b) **Intelligence Test**	**50**	**50**	**40%**
(c) Mathematics	50	50	40%
(d) General Knowledge & Current Affairs	50	50	40%
(e) Interview	—	20	—

Intelligence Test — Topics (Class VI)

Sl.	Official Topic	Sl.	Official Topic
1	Alphabetical Order of Words	8	Direction Sense
2	Analogy	9	Inserting Number
3	Blood Relation	10	Non verbal reasoning
4	Classification (Odd man out)	11	Puzzle
5	Clock and Calendar	12	Ranking test
6	Coding-Decoding	13	Series
7	Decision Making		

HOW THIS BOOK COVERS THE SYLLABUS

Chapter	Sainik School (AISSEE) topic	RMS CET topic
1. Analogy	Analogies (Mathematical & Verbal)	Analogy
2. Classification	Classification	Classification (Odd man out)
3. Series (Number, Letter & Repeated)	Series and Sequences; Pattern (Mathematical)	Series
4. Coding-Decoding	Visual & Logical Reasoning	Coding-Decoding
5. Alphabetical Order & Word Formation	Visual & Logical Reasoning	Alphabetical Order of Words
6. Blood Relation	Familial Relations	Blood Relation
7. Direction Sense	Visual & Logical Reasoning	Direction Sense
8. Ranking & Order	Critical Thinking & Problem Solving	Ranking test
9. Mathematical Operations	Analogies (Mathematical); Problem Solving	Inserting Number
10. Inserting Missing Number	Pattern (Mathematical)	Inserting Number
11. Number Problems & Mathematical Reasoning	Critical Thinking & Problem Solving	Puzzle
12. Sitting Arrangement	Critical Thinking & Problem Solving	Puzzle
13. Puzzle	Critical Thinking & Problem Solving	Puzzle
14. Venn Diagram	Visual & Logical Reasoning	Non verbal reasoning
15. Counting of Figures	Visual Reasoning	Non verbal reasoning
16. Clock (new)	Problem Solving	Clock and Calendar
17. Calendar (new)	Problem Solving	Clock and Calendar
18. Decision Making & Critical Thinking (new)	Critical Thinking & Problem Solving	Decision Making
19. Mirror & Water Images (new)	Visual Reasoning; Pattern (Spatial)	Non verbal reasoning
20. Paper Folding & Cutting (new)	Visual Reasoning; Pattern (Spatial)	Non verbal reasoning
21. Embedded Figures & Figure Completion (new)	Pattern (Spatial); Visual Reasoning	Non verbal reasoning
22. Non-Verbal Series, Analogy & Classification (new)	Pattern (Spatial); Analogies; Classification	Non verbal reasoning; Series
23. Dice & Cube (new)	Visual & Logical Reasoning	Non verbal reasoning

Author: Manoj Sir — Junior Engineer (J.E.), Government of Haryana.

How each chapter is arranged: (1) **Theory** — concept, rules, short tricks and solved examples. (2) **Class Notes** — the questions from the academy notes, retyped as they are. (3) **200 PYQ-Pattern Questions** — new practice questions made on the pattern and level of previous-year AISSEE and RMS CET papers. (4) **Answer Key with Solutions** for the notes and for the 200 questions.

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VIKRAMADITYA ACADEMY

CHAPTER 1

ANALOGY

Sainik School (AISSEE) & RMS CET • Analogies (Mathematical & Verbal)

By Manoj Sir

1. What is Analogy?

Analogy means "similarity in relationship". Two items are given which have some relationship between them. We have to find the item that has the **same relationship** with the third item.

It is written as **A : B :: C : ?** and read as "A is to B as C is to ?".

2. How to Solve — 3 Steps

- **Step 1:** Find the exact relationship between the first pair (A and B).
- **Step 2:** Make a short sentence for it, e.g. "A pencil is **made of** wood".
- **Step 3:** Use the same sentence for the second pair and pick the option that fits best.

3. Important Types of Word Analogy

- **Material / Product:** Pot : Clay, Paper : Wood, Sweater : Wool
- **Individual / Group:** Cow : Herd, Flower : Bouquet, Soldier : Army, Tree : Forest
- **Synonyms (same meaning):** Big : Large, Scold : Chide, Gigantic : Huge
- **Antonyms (opposite):** Dusk : Dawn, Trust : Doubt, True : False
- **Animal / Home:** Dog : Kennel, Bird : Nest, Rabbit : Burrow, Lion : Den
- **Worker / Tool:** Carpenter : Saw, Doctor : Stethoscope, Writer : Pen
- **Worker / Product:** Author : Book, Composer : Music, Tailor : Clothes
- **Instrument / Measurement:** Thermometer : Temperature, Clock : Time, Barometer : Pressure
- **Part / Whole:** Page : Book, Wheel : Vehicle, Kitchen : House
- **Country / Capital or Continent:** India : New Delhi, China : Asia, Germany : Europe
- **Player / Game:** Ronaldo : Football, Michael Phelps : Swimming
- **Cause / Effect:** Fire : Ashes, Flood : River (too much water), Crime : Police

4. Letter Analogy

Write the alphabet with positions and check the **gap (+ / −)** between letters, or check **opposite letters** and **reversing**.

Position values: A1 B2 C3 D4 E5 F6 G7 H8 I9 J10 K11 L12 M13 | N14 O15 P16 Q17 R18 S19 T20 U21 V22 W23 X24 Y25 Z26
Trick to remember: E-J-O-T-Y = 5, 10, 15, 20, 25 ("EJOTY")
Opposite letters (sum = 27): A↔Z, B↔Y, C↔X, D↔W, E↔V, F↔U, G↔T, H↔S, I↔R, J↔Q, K↔P, L↔O, M↔N

Example: VNFG : RJBC :: XJKE : ?
V→R (−4), N→J (−4), F→B (−4), G→C (−4). So X→T, J→F, K→G, E→A. **Answer: TFGA**

5. Number Analogy

Check the common rules: square / cube, square ± a number, ×2, ×3 + 1, sum of digits, product of digits, number of letters in the word.

Example: 10 : 101 :: 20 : ?
$10^2 + 1 = 101$, so $20^2 + 1 =$ **401**

Example: 13725 : 18 :: 23870 : ?
1 + 3 + 7 + 2 + 5 = 18, so 2 + 3 + 8 + 7 + 0 = **20**

6. Exam Tips

- First think of the relationship yourself, then look at the options.
- If two options look correct, choose the one with the **closest and most exact** relationship.
- Always keep the **order** same — if A is made from B, then C must be made from D (not D from C).

PART A — CLASS NOTES (Academy Notes, retyped as they are)

Notes 1 — Analogy (Sainik School)

Directions: In each question, find the word, letter group or number that completes the relationship in the same way as the first pair.

N1. Pencil : Wood :: Tyre : ?
(a) Wheel **(b)** Car **(c)** Rubber **(d)** Plastic

N2. Flowers : Bouquet :: Cow : ?
(a) Herd **(b)** Shed **(c)** Pack **(d)** Flock

N3. Dove : Bird :: Bat : ?
(a) Ball **(b)** Mammal **(c)** Night **(d)** Vampire

N4. VNFG : RJBC :: XJKE : ?
(a) EFGB **(b)** GFTA **(c)** TFGA **(d)** AGFE

N5. Monday : Sunday :: ? : ?
(a) January : February **(b)** December : January
(c) April : June **(d)** January : December

N6. Bricks : Wall :: ? : ?
(a) Coal : Smoke **(b)** Apartment : Rooms
(c) Pages : Book **(d)** Cloth : Thread

N7. Dusk : Dawn :: Big : ?
(a) Large **(b)** Small **(c)** Huge **(d)** Size

N8. China : Asia :: ? : Europe
(a) USA **(b)** Brazil **(c)** Germany **(d)** Argentina

Directions (Q9 – Q12): Choose the word that is a necessary part of the underlined word.

N9. **Boxing**
(a) Gloves **(b)** Stadium **(c)** Olympic **(d)** Tournament

N10. **Garden**
(a) Zoo **(b)** Squirrel **(c)** Plants **(d)** Fountain

N11. **Gun**

(a) Shooting **(b)** Bullet **(c)** Revolver **(d)** Battery

N12. **House**

(a) Tubelight **(b)** Window **(c)** Lift **(d)** Roof

N13. METAPHOR : EMATHPRO :: NORMAL : ?

(a) ORMLAN **(b)** ONMRLA **(c)** ONRMLA **(d)** ONMARL

N14. Scold : Chide :: Soothe : ?

(a) Palpate **(b)** Perjure **(c)** Placebo **(d)** Placate

N15. CUT : BDTVSU :: TIP : ?

(a) CVHJOQ **(b)** SUHJOQ **(c)** USJHQO **(d)** SUJHQO

N16. 19 : 59 :: 17 : ?

(a) 51 **(b)** 52 **(c)** 53 **(d)** 59

N17. Book : Author :: ? : Composer

(a) Novel **(b)** Painting **(c)** Piano **(d)** Music

N18. International : Thirteen :: LOCAL : ?

(a) Five **(b)** Zero **(c)** One **(d)** Ten

N19. Time : Clock :: Temperature : ?

(a) Celsius **(b)** Thermometer **(c)** Degree **(d)** Heat

N20. 10 : 101 :: 20 : ?

(a) 200 **(b)** 199 **(c)** 401 **(d)** 203

N21. Pot : Clay :: Sword : ?

(a) Metal **(b)** Knife **(c)** Sharp **(d)** Kill

N22. Gigantic : Huge :: ? : ?

(a) Skinny : Lean **(b)** Fat : Slim **(c)** Deaf : Dumb **(d)** Wise : Fool

N23. PDF : Document :: JPEG : ?

(a) File **(b)** Folder **(c)** Image **(d)** Sheet

N24. Pigeon : Nest :: Rabbit : ?

(a) Burrow **(b)** Shed **(c)** Den **(d)** Land

N25. Trust : Doubt :: Hope : ?

(a) Anticipation **(b)** Despair **(c)** Desire **(d)** Defeat

N26. FKDR : INGU :: COJA : ?

(a) FRND **(b)** FRMD **(c)** ESNE **(d)** ERMD

N27. Tree : Plant :: ? : ?

(a) Train : Coach **(b)** Cloth : Fibre **(c)** Rent : Loan **(d)** Lion : Animal

N28. Lemonade : Beverage :: ? : ?

(a) Food : Cook **(b)** Sweet : Chocolate
(c) Chips : Snack **(d)** Milk : Curd

N29. House : Kitchen :: ? : Mouse

(a) Keyboard **(b)** Computer **(c)** Cat **(d)** Tail

N30. Moon : Earth :: ? : Sun

(a) Satellite **(b)** Stars **(c)** Mars **(d)** Galaxy

N31. Rectangle : Area :: Cuboid : ?

(a) Cube **(b)** Volume **(c)** Square **(d)** Litre

N32. 15 : 220 :: 25 : ?

(a) 620 **(b)** 630 **(c)** 640 **(d)** 880

N33. Seventeen : Five :: Eleven : ?

(a) One **(b)** Two **(c)** Four **(d)** Three

N34. Flood : River :: ? : ?

(a) Drought : Thunder **(b)** Snow : Glacier
(c) Forest : Fire **(d)** Storm : Wind

N35. 55 : 10 :: 77 : ?

(a) 22 **(b)** 55 **(c)** 14 **(d)** 18

N36. Number : Digits :: Word : ?

(a) Alphabets **(b)** Meanings **(c)** Sentence **(d)** Paragraph

N37. Silk : Worm :: ? : Plant

(a) Thread **(b)** Cotton **(c)** Wool **(d)** Bee

Directions (Q38 – Q41): Choose the word that is NOT a necessary part of the underlined word.

N38. Division

(a) Number **(b)** Divisor **(c)** Dividend **(d)** Remainder

N39. Truck

(a) Wheel **(b)** Freight **(c)** Brakes **(d)** Engine

N40. Computer

(a) CPU **(b)** Motherboard **(c)** Speaker **(d)** Monitor

N41. Book

(a) Words **(b)** Pages **(c)** Title **(d)** Bibliography

N42. Diamond : Baseball :: ? : Course

(a) Subject **(b)** Skills **(c)** Medicine **(d)** Golf

N43. 13725 : 18 :: 23870 : ?

(a) 12 **(b)** 20 **(c)** 16 **(d)** 18

N44. AT : ZG :: ? : YB

(a) ON **(b)** IN **(c)** BY **(d)** OF

N45. Thread : Fibre :: ? : ?

(a) Pages : Book **(b)** Pen : Paper **(c)** Milk : Cow **(d)** Wall : Brick

N46. LIVE : EVIL :: CHINA : ?

(a) WISE **(b)** Intelligent **(c)** Skilled **(d)** ANIHC

N47. 132 : 6 :: 313 : ?

(a) 8 **(b)** 9 **(c)** 12 **(d)** 5

N48. Light : Night :: Bay : ?

(a) Day **(b)** Hay **(c)** Beach **(d)** Coast

N49. India : China :: USA : ?

(a) Russia **(b)** Iran **(c)** UK **(d)** Mexico

N50. LASER : 52525 :: PRIEST : ?

(a) 252525 **(b)** 255225 **(c)** 552255 **(d)** 525525

N51. Andromeda : Galaxy :: Ganymede : ?

(a) Stars **(b)** Sun **(c)** Satellite **(d)** Milky Way

N52. BUTTERMILK : KLMRTTB :: ? : ?

(a) LEMONADE : DNML **(b)** WHISKY : HKSWY **(c)** COFFEE : FEOC **(d)** CANDY : YDNAC

N53. Wood : Paper :: ? : Sweater

(a) Worm **(b)** Wool **(c)** Jacket **(d)** Sheep

N54. STOP : 19201516 :: ? : ?

(a) TOOL : 20151511 **(b)** START : 192011920
(c) BOOK : 2151510 **(d)** LOOT : 12151520

N55. PLAY : ? :: SLEEP : 55555

(a) 1111 **(b)** 2222 **(c)** 2323 **(d)** 4444

N56. Ronaldo : Football :: Michael Phelps : ?

(a) Swimming **(b)** Music **(c)** Cricket **(d)** Athlete

N57. Court : Justice :: Hospital : ?

(a) Sickness **(b)** Patient **(c)** Disease **(d)** Treatment

N58. What is common among the following? Speaker, Printer, Monitor

(a) These are the components of a CPU
(b) These are output devices
(c) These are input devices
(d) These devices cannot run without an external memory

N59. What is common among the following? Cheese, Wine, Yogurt

(a) These are milk products **(b)** These are made by fermentation
(c) These are good sources of protein **(d)** These require high storage temperature

Notes 2 — Analogy Test (RMS)

Directions: Choose the word that completes the second pair in the same way as the first pair.

N60. Bank : Money :: Transport : ?

(a) Goods **(b)** Road **(c)** Movement **(d)** Speed

N61. Fan : Wings :: Wheel : ?

(a) Round **(b)** Cogs **(c)** Spokes **(d)** Moves

N62. Captain : Soldier :: Leader : ?

(a) Chair **(b)** Follower **(c)** Party **(d)** Minister

N63. Tree : Root :: Smoke : ?

(a) Cigarette **(b)** Fire **(c)** Heat **(d)** Chimney

N64. Good : Bad :: Roof : ?

(a) Wall **(b)** Pillar **(c)** Window **(d)** Floor

N65. Oval : Circle :: Rectangle : ?

(a) Triangle **(b)** Square **(c)** Periphery **(d)** Diagonal

N66. Umpire : Match :: Judge : ?

(a) Court **(b)** Lawyer **(c)** Judgement **(d)** Lawsuit

N67. Video : Cassette :: Computer : ?

(a) Reels **(b)** Recording **(c)** Files **(d)** Floppy

N68. Hour : Second :: Tertiary : ?

(a) Ordinary **(b)** Secondary **(c)** Primary **(d)** Intermediary

N69. Fire : Ashes :: Explosion : ?

(a) Sound **(b)** Debris **(c)** Explosive **(d)** Flame

N70. Parliament : Great Britain :: Congress : ?

(a) Japan **(b)** India **(c)** U.S.A. **(d)** Netherlands

N71. Sports : Logo :: Nation : ?

(a) Emblem **(b)** Animal **(c)** Rules **(d)** Anthem

N72. Data Processing : Raw Data :: University : ?

(a) Teacher **(b)** Building **(c)** Students **(d)** Principal

N73. Braille : Blindness :: Sign Language : ?

(a) Exceptional **(b)** Touch **(c)** Deafness **(d)** Presentation

N74. Boat : Oar :: Bicycle : ?

(a) Road **(b)** Wheel **(c)** Seat **(d)** Pedal

N75. Match : Win :: Examination : ?

(a) Write **(b)** Appear **(c)** Success **(d)** Attempt

N76. Heart : Blood :: Lung : ?

(a) Oxygen **(b)** Chest **(c)** Purification **(d)** Air

N77. Face : Expression :: Hand : ?

(a) Gesture **(b)** Work **(c)** Handshake **(d)** Waving

N78. Wine : Grapes :: Vodka : ?

(a) Apples **(b)** Potatoes **(c)** Oranges **(d)** Flour

N79. England : Atlantic Ocean :: Greenland : ?
(a) Pacific Ocean **(b)** Atlantic Ocean **(c)** Arctic Ocean **(d)** Indian Ocean

N80. Eye : See :: Ear : ?
(a) Ring **(b)** Sound **(c)** Hear **(d)** Smell

N81. Mountain : Valley :: Enemy : ?
(a) Cruel **(b)** Stranger **(c)** Country **(d)** Friend

N82. Horse : Hoof :: Eagle : ?
(a) Claw **(b)** Clutch **(c)** Leg **(d)** Foot

N83. Cube : Square :: Square : ?
(a) Plane **(b)** Triangle **(c)** Line **(d)** Point

N84. Much : Many :: Measure : ?
(a) Count **(b)** Calculate **(c)** Quantity **(d)** Weighs

N85. Jungle : Zoo :: Sea : ?
(a) Harbour **(b)** Water **(c)** Aquarium **(d)** Fishery

N86. Needle : Clock :: Wheel : ?
(a) Drive **(b)** Vehicle **(c)** Circular **(d)** Move

N87. Liberty : Slavery :: Danger : ?
(a) Safety **(b)** Dangerous **(c)** Anger **(d)** Stability

N88. Blood : Vein :: Oil : ?
(a) Car **(b)** Engine **(c)** Pipelines **(d)** Petrol

N89. Success : Failure :: Big : ?
(a) Great **(b)** Good **(c)** Small **(d)** Rig

N90. Pen : Pencil :: Hockey : ?
(a) Football **(b)** Ground **(c)** Team **(d)** Players

N91. Dog : Kennel :: Bird : ?
(a) Tree **(b)** Nest **(c)** Chirp **(d)** Cage

N92. Book : Open :: Door : ?
(a) House **(b)** Shut **(c)** Close **(d)** Wood

N93. Usual : Common :: Light : ?
(a) Bright **(b)** Black **(c)** Dark **(d)** Glow

N94. Uneasy : Quiet :: Fit : ?
(a) Proper **(b)** Suitable **(c)** Pertinent **(d)** Unfit

N95. Trap : Net :: Trade : ?
(a) Earning **(b)** Money **(c)** Profit **(d)** Pursuit

N96. Marriage : Divorce :: True : ?
(a) Truth **(b)** Story **(c)** Fiction **(d)** False

N97. Fish : Water :: Bird : ?
(a) Water **(b)** Food **(c)** Sky **(d)** Air

N98. Tree : Forest :: Soldier : ?
(a) Battle **(b)** Army **(c)** Gun **(d)** General

N99. Crime : Police :: Flood : ?
(a) Rain **(b)** River **(c)** Dam **(d)** Reservoir

PART B — 200 PYQ-PATTERN QUESTIONS

Made on the pattern and level of previous-year AISSEE (Sainik School) and RMS CET papers.

Section 1 — Word Analogy

P1. Surgeon : Scalpel :: Blacksmith : ?
(a) Decrease **(b)** Scalpel **(c)** Rome **(d)** Anvil

P2. Pig : Sty :: Monk : ?
(a) A.P.J. Abdul Kalam **(b)** Cub
(c) Monastery **(d)** Sty

P3. Dawn : Dusk :: Hot : ?
(a) Cold **(b)** Bold **(c)** Dusk **(d)** Igloo

P4. Rain gauge : Rainfall :: Speedometer : ?
(a) Sweeping **(b)** Coward **(c)** Speed **(d)** Rainfall

P5. Bread : Flour :: Jaggery : ?
(a) Flour **(b)** Thiruvananthapuram
(c) Gums **(d)** Sugarcane

P6. Buzz : Bee :: Bark : ?
(a) Kennel **(b)** Planet **(c)** Dog **(d)** Bee

P7. Sheep : Lamb :: Swan : ?
(a) Lamb **(b)** Keyboard **(c)** Length **(d)** Cygnet

P8. Uttar Pradesh : Lucknow :: Madhya Pradesh : ?
(a) Poor **(b)** Lucknow **(c)** Nehru **(d)** Bhopal

P9. Assam : Dispur :: Rajasthan : ?
(a) Planet **(b)** Jaipur **(c)** Dispur **(d)** House

P10. Doctor : Hospital :: Actor : ?
(a) Hospital **(b)** Stage **(c)** Bird **(d)** Anvil

P11. Ornament : Gold :: Wall : ?
(a) Bricks **(b)** Glad **(c)** P.V. Sindhu **(d)** Gold

P12. Monk : Monastery :: Lion : ?
(a) Den **(b)** Monastery **(c)** Hearing **(d)** Dread

P13. Blacksmith : Anvil :: Farmer : ?
(a) Class **(b)** Plough **(c)** Anvil **(d)** Fast

P14. Farmer : Plough :: Tailor : ?

(a) Plough **(b)** Needle **(c)** Modern **(d)** Fleet

P15. Cow : Calf :: Lion : ?

(a) Calf **(b)** Gandhinagar **(c)** Bhubaneswar **(d)** Cub

P16. Maharashtra : Mumbai :: Tamil Nadu : ?

(a) Stable **(b)** Herd **(c)** Mumbai **(d)** Chennai

P17. Finger : Hand :: Classroom : ?

(a) Hand **(b)** School **(c)** Sushil Kumar **(d)** Bird

P18. Croak : Frog :: Bleat : ?

(a) Frog **(b)** Ved Vyas **(c)** Goat **(d)** Pancreas

P19. Student : Class :: Wolf : ?

(a) Class **(b)** Kalidasa **(c)** Pack **(d)** Jute

P20. China : Beijing :: Sri Lanka : ?

(a) Colombo **(b)** Tagore **(c)** Beijing **(d)** Liver

P21. Shut : Close :: Silent : ?

(a) Islamabad **(b)** Quiet **(c)** Close **(d)** Metal

P22. Brave : Bold :: Angry : ?

(a) Furious **(b)** Language **(c)** Caterpillar **(d)** Bold

P23. Begin : Start :: Brave : ?

(a) Kalidasa **(b)** Bold **(c)** Valmiki **(d)** Start

P24. Pot : Clay :: Ornament : ?

(a) Foal **(b)** Clay **(c)** Scissors **(d)** Gold

P25. Begin : Start :: Rich : ?

(a) Start **(b)** Wealthy **(c)** Book **(d)** Mammal

P26. Surgeon : Scalpel :: Mason : ?

(a) Trowel **(b)** Planet **(c)** Milk **(d)** Scalpel

P27. Rich : Poor :: Friend : ?

(a) Poor **(b)** Neeraj Chopra **(c)** Enemy **(d)** Laboratory

P28. Ganga : River :: Hindi : ?

(a) Cygnet **(b)** River **(c)** Rough **(d)** Language

P29. Cricket : Virat Kohli :: Badminton : ?

(a) Scalpel **(b)** Horse **(c)** Virat Kohli **(d)** P.V. Sindhu

P30. Mars : Planet :: Rose : ?

(a) Donkey **(b)** Bhopal **(c)** Planet **(d)** Flower

P31. Priest : Temple :: Miner : ?

(a) Shed **(b)** Mine **(c)** Eating **(d)** Temple

P32. Badminton : P.V. Sindhu :: Hockey : ?

(a) Temple **(b)** Swarm **(c)** P.V. Sindhu **(d)** Dhyan Chand

P33. China : Beijing :: Russia : ?

(a) Small **(b)** Sty **(c)** Beijing **(d)** Moscow

P34. Jaundice : Liver :: Diabetes : ?

(a) Igloo **(b)** Liver **(c)** Kautilya **(d)** Pancreas

P35. Leaf : Tree :: Key : ?

(a) Wood **(b)** Glad **(c)** Tree **(d)** Keyboard

P36. Monk : Monastery :: Dog : ?

(a) Islamabad **(b)** Kennel **(c)** Sania Mirza **(d)** Monastery

P37. Roar : Lion :: Trumpet : ?

(a) Elephant **(b)** Lion **(c)** Distance **(d)** Water

P38. Fear : Dread :: Angry : ?

(a) Furious **(b)** Kennel **(c)** Stage **(d)** Dread

P39. Expand : Contract :: Gentle : ?

(a) Planet **(b)** Contract **(c)** Caterpillar **(d)** Rough

P40. Accept : Reject :: Victory : ?

(a) Weight **(b)** Baking **(c)** Reject **(d)** Defeat

P41. Silent : Quiet :: Tiny : ?

(a) Quiet **(b)** Sty **(c)** Temperature **(d)** Small

P42. Butterfly : Caterpillar :: Cat : ?

(a) Driving **(b)** Kitten **(c)** Length **(d)** Caterpillar

P43. Ruler : Length :: Seismograph : ?

(a) Length **(b)** Rifle **(c)** Earthquake **(d)** Herd

P44. Hindi : Language :: Cobra : ?

(a) Snake **(b)** Camera **(c)** Language **(d)** Sty

P45. Sri Lanka : Colombo :: Germany : ?

(a) Colombo **(b)** Berlin **(c)** Novel **(d)** Gandhinagar

P46. Pilot : Cockpit :: Teacher : ?

(a) Throat **(b)** River **(c)** Cockpit **(d)** School

P47. Pen : Writing :: Ear : ?

(a) Calf **(b)** Gold **(c)** Writing **(d)** Hearing

P48. String : Guitar :: Lens : ?

(a) Net **(b)** Kitten **(c)** Camera **(d)** Guitar

P49. Nose : Smelling :: Broom : ?

(a) Sweeping **(b)** Nest **(c)** Smelling **(d)** Moscow

P50. Ammeter : Current :: Seismograph : ?
(a) Vishnu Sharma **(b)** Current **(c)** Seeing **(d)** Earthquake

P51. Chirp : Sparrow :: Quack : ?
(a) Sparrow **(b)** Duck **(c)** Shoal **(d)** Wax

P52. Lotus : Flower :: Banyan : ?
(a) Field **(b)** Flower **(c)** Tree **(d)** Guitar

P53. Singer : Choir :: Fish : ?
(a) Choir **(b)** Wealthy **(c)** Shoal **(d)** Lair

P54. Gujarat : Gandhinagar :: Rajasthan : ?
(a) Bunch **(b)** Jaipur **(c)** Fish **(d)** Gandhinagar

P55. Rain gauge : Rainfall :: Hygrometer : ?
(a) Humidity **(b)** Swarm **(c)** Fleet **(d)** Rainfall

P56. Bread : Flour :: Window pane : ?
(a) Glass **(b)** Kennel **(c)** Garage **(d)** Flour

P57. Fish : Shoal :: Ship : ?
(a) Flour **(b)** Poor **(c)** Shoal **(d)** Fleet

P58. Ammeter : Current :: Barometer : ?
(a) Current **(b)** Eye **(c)** Pressure **(d)** Close

P59. Wall : Bricks :: Butter : ?
(a) Dispur **(b)** Bricks **(c)** Thyroid **(d)** Milk

P60. Eagle : Bird :: Diwali : ?
(a) Keyboard **(b)** Bird **(c)** New Delhi **(d)** Festival

P61. Lotus : Flower :: Ganga : ?
(a) Fawn **(b)** River **(c)** Flower **(d)** Cockpit

P62. Umbrella : Shelter :: Telescope : ?
(a) Stargazing **(b)** Tokyo **(c)** Furious **(d)** Shelter

P63. Tennis : Sania Mirza :: Cricket : ?
(a) Distance **(b)** Virat Kohli **(c)** Novel **(d)** Sania Mirza

P64. Whale : Mammal :: Ganga : ?
(a) River **(b)** Mammal **(c)** Throat **(d)** Flock

P65. India : New Delhi :: Japan : ?
(a) Speed **(b)** Gold **(c)** New Delhi **(d)** Tokyo

P66. Pakistan : Islamabad :: Germany : ?
(a) Bouquet **(b)** Islamabad **(c)** Cotton **(d)** Berlin

P67. Room : House :: Key : ?
(a) Fawn **(b)** House **(c)** Keyboard **(d)** Goat

P68. Chess : Viswanathan Anand :: Football : ?

(a) Viswanathan Anand **(b)** Book
(c) Sunil Chhetri **(d)** Start

P69. Hockey : Game :: Tiger : ?

(a) Game **(b)** Caterpillar **(c)** Nest **(d)** Animal

P70. Actor : Stage :: Judge : ?

(a) Stage **(b)** Court **(c)** Seeing **(d)** Kautilya

P71. Discovery of India : Nehru :: Panchatantra : ?

(a) Modern **(b)** Vishnu Sharma **(c)** Down **(d)** Nehru

P72. Gitanjali : Tagore :: Ramayana : ?

(a) Tagore **(b)** Mammal **(c)** Kathmandu **(d)** Valmiki

P73. Lion : Cub :: Hen : ?

(a) Contract **(b)** Chick **(c)** Cub **(d)** Colombo

P74. Spoon : Eating :: Nose : ?

(a) Cold **(b)** Smelling **(c)** Novel **(d)** Eating

P75. Scientist : Laboratory :: Priest : ?

(a) Den **(b)** Temple **(c)** Departure **(d)** Laboratory

P76. Scientist : Laboratory :: Farmer : ?

(a) Animal **(b)** Chennai **(c)** Field **(d)** Laboratory

P77. Bird : Nest :: Dog : ?

(a) Nest **(b)** Islamabad **(c)** Driving **(d)** Kennel

P78. Hiss : Snake :: Quack : ?

(a) Kitten **(b)** Galaxy **(c)** Snake **(d)** Duck

P79. Rajasthan : Jaipur :: Madhya Pradesh : ?

(a) Bhopal **(b)** Anvil **(c)** Jaipur **(d)** Car

P80. Knife : Cutting :: Needle : ?

(a) Gums **(b)** Cutting **(c)** Tree **(d)** Sewing

Section 2 — Choose the Similar Pair

P81. Sri Lanka : Colombo :: ? : ?

(a) Choir : Singer **(b)** India : New Delhi
(c) Lucknow : Uttar Pradesh **(d)** Angry : Dread

P82. Lion : Cub :: ? : ?

(a) Germany : Flower **(b)** Tree : Banyan
(c) Web : Spider **(d)** Butterfly : Caterpillar

P83. Abhijnanasakuntalam : Kalidasa :: ? : ?

(a) Bihar : Contract **(b)** Cygnet : Swan
(c) Paper : Bengaluru **(d)** Wings of Fire : A.P.J. Abdul Kalam

P84. Spider : Web :: ? : ?

(a) Fish : Shark
(b) Farmer : Failure
(c) Dog : Kennel
(d) Temperature : Thermometer

P85. Soldier : Rifle :: ? : ?

(a) Grape : Mumbai
(b) Failure : Success
(c) Cook : Ladle
(d) Butter : Gandhinagar

P86. Hockey : Dhyan Chand :: ? : ?

(a) Office : Clerk
(b) Guitar : String
(c) Seismograph : Departure
(d) Chess : Viswanathan Anand

P87. Wing : Aeroplane :: ? : ?

(a) Ammeter : Shoal
(b) Star : Dhyan Chand
(c) Page : Book
(d) Nehru : Discovery of India

P88. Gentle : Rough :: ? : ?

(a) Laboratory : Scientist
(b) Maharashtra : Army
(c) Increase : Decrease
(d) Tiger : Shelter

P89. Hockey : Game :: ? : ?

(a) Contract : Expand
(b) Fisherman : Water
(c) Gift : River
(d) Ganga : River

P90. Dog : Puppy :: ? : ?

(a) Bird : Eagle **(b)** Kennel : Dog **(c)** Horse : Foal **(d)** Needle : Fish

P91. Sheep : Lamb :: ? : ?

(a) Singer : Planet
(b) Cat : Kitten
(c) Arthritis : Mary Kom
(d) Cook : Poor

P92. Rabbit : Burrow :: ? : ?

(a) Room : River
(b) Lion : Den
(c) Cow : Bhubaneswar
(d) Scissors : Barber

P93. Wings of Fire : A.P.J. Abdul Kalam :: ? : ?

(a) Roar : Goat
(b) Bengaluru : Karnataka
(c) Whale : Jaipur
(d) Panchatantra : Vishnu Sharma

P94. Fish : Shoal :: ? : ?

(a) Sewing : Needle
(b) Assam : Bouquet
(c) Humidity : Hygrometer
(d) Student : Class

P95. Clock : Time :: ? : ?

(a) Gift : Bhubaneswar
(b) Blade : Hospital
(c) Bouquet : Flower
(d) Ammeter : Current

P96. Answer : Reply :: ? : ?

(a) Swarm : Bee
(b) Lucknow : Uttar Pradesh
(c) Gift : Present
(d) Carpenter : Islamabad

P97. Hot : Cold :: ? : ?

(a) Premchand : Godaan
(b) Accept : Reject
(c) Tamil Nadu : Eye
(d) Kitten : Cat

P98. Angry : Furious :: ? : ?

(a) Sania Mirza : Tennis
(b) Tonsillitis : Duck
(c) Wise : Clever
(d) Horse : Foal

P99. Window pane : Glass :: ? : ?

(a) Mine : Miner
(b) Eskimo : Sewing
(c) Sweater : Wool
(d) Barometer : Igloo

P100. Ganga : River :: ? : ?

(a) Eye : Cataract **(b)** Tyre : Hive **(c)** Patna : Bihar **(d)** Rose : Flower

Section 3 — Letter Analogy

P101. NWKR : RKWN :: DHKA : ?

(a) AKHD **(b)** AJHD **(c)** DHKA **(d)** AKHE

P102. EQUB : IUYF :: NZXI : ?

(a) RDBM **(b)** RDBL **(c)** RDDM **(d)** RDAM

P103. WSYL : ZVBO :: UBGZ : ?

(a) XEJC **(b)** CJEX **(c)** XEJB **(d)** XEHC

P104. CKG : FJJ :: YFW : ?

(a) BEX **(b)** ZEB **(c)** BEZ **(d)** BCZ

P105. LPWV : NTCD :: ETUW : ?

(a) EAXG **(b)** GWAE **(c)** GXAE **(d)** FXAE

P106. UDCW : YEFW :: TXGD : ?

(a) FIZV **(b)** VZIF **(c)** FKZV **(d)** FGZV

P107. INWK : MYPK :: PFOX : ?

(a) AQHR **(b)** XQHR **(c)** ZQHR **(d)** RHQZ

P108. EPLJ : GTRR :: SJYH : ?

(a) UNFP **(b)** UNGP **(c)** UNEP **(d)** WNEP

P109. YFG : HGZ :: JBY : ?

(a) YCK **(b)** ZBK **(c)** ZCK **(d)** BCK

P110. MYJI : NBQR :: BDKT : ?

(a) GPWY **(b)** YWQG **(c)** YWPH **(d)** YWPG

P111. DUBC : EWEG :: PLAC : ?

(a) QNDI **(b)** QPDG **(c)** QNDG **(d)** GDNQ

P112. NCB : PED :: JTG : ?

(a) LVI **(b)** IVL **(c)** LTI **(d)** LVG

P113. RBCD : TDEF :: OHNF : ?
(a) HPJQ **(b)** QJPI **(c)** QHPH **(d)** QJPH

P114. RTK : SVN :: GBE : ?
(a) HDJ **(b)** IDH **(c)** JDH **(d)** HDH

P115. BNPS : DPRU :: LCYN : ?
(a) PAEN **(b)** NEBP **(c)** NEAR **(d)** NEAP

P116. HGX : STC :: OPB : ?
(a) LKZ **(b)** LKY **(c)** LJY **(d)** LKW

P117. YQIV : ZRJW :: AYLB : ?
(a) BZME **(b)** DZMC **(c)** BZMC **(d)** CMZB

P118. XJM : APV :: OCV : ?
(a) EIR **(b)** RIE **(c)** QIE **(d)** RIF

P119. HCI : GEH :: JQS : ?
(a) RSI **(b)** IRR **(c)** ISR **(d)** IUR

P120. LXOU : MYPV :: UTZB : ?
(a) VUZC **(b)** VUAB **(c)** VUAC **(d)** XUAC

P121. TUGL : MHVU :: HZIG : ?
(a) HJAI **(b)** IAJH **(c)** HJZI **(d)** JJAI

P122. IYTU : WVAK :: ZAXO : ?
(a) BCZQ **(b)** QZAB **(c)** QZCB **(d)** QZCA

P123. QPSA : SNUY :: ILCZ : ?
(a) KJDX **(b)** KIEX **(c)** XEJK **(d)** KJEX

P124. OTEK : RSHJ :: BKFX : ?
(a) EJIW **(b)** EIIW **(c)** ELIW **(d)** EJGW

P125. ODWG : RGZJ :: DYZT : ?
(a) WCBG **(b)** GBCU **(c)** GBDW **(d)** GBCW

P126. IZEM : LFNY :: RVQY : ?
(a) UBZK **(b)** UAZK **(c)** UBYK **(d)** UBZJ

P127. OJRE : GTLQ :: QMGX : ?
(a) ZGOS **(b)** ZIOS **(c)** ZJOS **(d)** SOIZ

P128. YWX : BVA :: DUM : ?
(a) PTG **(b)** FTP **(c)** GSP **(d)** GTP

P129. SPL : VSO :: BSD : ?
(a) EVF **(b)** EXG **(c)** GVG **(d)** EVG

P130. HUC : CUH :: YSV : ?
(a) TSY **(b)** YSV **(c)** VSY **(d)** USY

P131. OLVM : MVLO :: UGLA : ?
(a) ALHU **(b)** ZLGU **(c)** BLGU **(d)** ALGU

P132. BLQC : ZJOA :: PISV : ?
(a) NHQT **(b)** NGQT **(c)** NFQT **(d)** TQGN

P133. WMA : ZLD :: DOW : ?
(a) GNZ **(b)** GPZ **(c)** GNX **(d)** ZNG

P134. PDGA : KWTZ :: STDN : ?
(a) HGWL **(b)** HIWM **(c)** HGWM **(d)** MWGH

P135. RXIP : ICRK :: MQYR : ?
(a) NJBI **(b)** NJBK **(c)** IBJN **(d)** NJZI

P136. BCP : DER :: DGV : ?
(a) XIF **(b)** FIY **(c)** FIX **(d)** FIV

P137. FXI : JBM :: KTF : ?
(a) OXJ **(b)** PXJ **(c)** JXO **(d)** OXH

P138. ESLH : HLSE :: LDRS : ?
(a) SRDK **(b)** SRDL **(c)** SQDL **(d)** LDRS

P139. VCU : EXF :: ONF : ?
(a) LLU **(b)** UML **(c)** LMU **(d)** LOU

P140. BJH : ALG :: QLA : ?
(a) ZNP **(b)** POZ **(c)** PNZ **(d)** PNA

P141. FWNK : HYPM :: JMEO : ?
(a) LOFQ **(b)** LOIQ **(c)** LOGQ **(d)** LOHQ

P142. DGZT : UAHE :: ULSE : ?
(a) FTMU **(b)** FTMV **(c)** FUMV **(d)** VMTF

P143. IGMC : JINE :: FCLB : ?
(a) DMEG **(b)** FEMD **(c)** GEND **(d)** GEMD

P144. PBTX : XTBP :: KSZE : ?
(a) GZSK **(b)** EZSK **(c)** KSZE **(d)** EASK

P145. JTIS : GQFP :: OGBV : ?
(a) LDYS **(b)** LFYS **(c)** LCYS **(d)** LEYS

P146. RXO : UDX :: RUO : ?
(a) UYX **(b)** XAU **(c)** UAX **(d)** WAX

P147. BFR : AEQ :: TVW : ?
(a) TUV **(b)** SUV **(c)** VUS **(d)** UUV

P148. WTOG : XSPF :: ILUR : ?
(a) JKVS **(b)** JKVQ **(c)** QVKJ **(d)** JKWQ

P149. OCX : ZEQ :: FVG : ?

(a) IXH **(b)** IXI **(c)** HXI **(d)** IYH

P150. GKCD : EDLH :: LBSX : ?

(a) WTCM **(b)** XTCM **(c)** MCTY **(d)** YTCM

Section 4 — Number Analogy

P151. 10 : 29 :: 12 : ?

(a) 39 **(b)** 35 **(c)** 33 **(d)** 31

P152. 13 : 2197 :: 14 : ?

(a) 2744 **(b)** 2816 **(c)** 2437 **(d)** 2590

P153. 4 : 15 :: 7 : ?

(a) 48 **(b)** 53 **(c)** 43 **(d)** 52

P154. 5 : 14 :: 4 : ?

(a) 11 **(b)** 12 **(c)** 10 **(d)** 8

P155. 6 : 49 :: 2 : ?

(a) 7 **(b)** 11 **(c)** 6 **(d)** 9

P156. 2 : 6 :: 13 : ?

(a) 180 **(b)** 203 **(c)** 199 **(d)** 182

P157. 8 : 17 :: 2 : ?

(a) 5 **(b)** 8 **(c)** 6 **(d)** 7

P158. 4 : 20 :: 3 : ?

(a) 9 **(b)** 14 **(c)** 12 **(d)** 10

P159. 3 : 10 :: 15 : ?

(a) 226 **(b)** 238 **(c)** 224 **(d)** 201

P160. 10 : 1001 :: 12 : ?

(a) 1801 **(b)** 1729 **(c)** 1858 **(d)** 1743

P161. 3 : 28 :: 9 : ?

(a) 664 **(b)** 685 **(c)** 737 **(d)** 730

P162. 10 : 121 :: 11 : ?

(a) 144 **(b)** 143 **(c)** 160 **(d)** 126

P163. 7 : 343 :: 5 : ?

(a) 125 **(b)** 119 **(c)** 112 **(d)** 127

P164. 5 : 11 :: 4 : ?

(a) 7 **(b)** 9 **(c)** 11 **(d)** 6

P165. 14 : 210 :: 13 : ?

(a) 173 **(b)** 193 **(c)** 184 **(d)** 182

P166. 12 : 35 :: 4 : ?

(a) 8 **(b)** 10 **(c)** 14 **(d)** 11

P167. 15 : 210 :: 10 : ?

(a) 93 **(b)** 101 **(c)** 90 **(d)** 91

P168. 10 : 120 :: 15 : ?

(a) 263 **(b)** 281 **(c)** 255 **(d)** 268

P169. 12 : 1729 :: 8 : ?

(a) 513 **(b)** 556 **(c)** 449 **(d)** 518

P170. 6 : 42 :: 11 : ?

(a) 144 **(b)** 127 **(c)** 129 **(d)** 132

P171. 6 : 49 :: 15 : ?

(a) 282 **(b)** 260 **(c)** 242 **(d)** 256

P172. 5 : 14 :: 6 : ?

(a) 18 **(b)** 20 **(c)** 17 **(d)** 16

P173. 5 : 36 :: 9 : ?

(a) 111 **(b)** 100 **(c)** 93 **(d)** 96

P174. 6 : 36 :: 5 : ?

(a) 26 **(b)** 27 **(c)** 23 **(d)** 25

P175. 5 : 125 :: 8 : ?

(a) 458 **(b)** 512 **(c)** 469 **(d)** 524

P176. 15 : 256 :: 6 : ?

(a) 45 **(b)** 53 **(c)** 51 **(d)** 49

P177. 6 : 28 :: 15 : ?

(a) 80 **(b)** 73 **(c)** 69 **(d)** 76

P178. 4 : 15 :: 15 : ?

(a) 218 **(b)** 203 **(c)** 224 **(d)** 250

P179. 10 : 120 :: 9 : ?

(a) 99 **(b)** 110 **(c)** 103 **(d)** 87

P180. 7 : 31 :: 13 : ?

(a) 57 **(b)** 55 **(c)** 53 **(d)** 52

P181. 11 : 143 :: 9 : ?

(a) 92 **(b)** 111 **(c)** 88 **(d)** 99

P182. 15 : 73 :: 4 : ?

(a) 16 **(b)** 20 **(c)** 18 **(d)** 15

P183. 3 : 6 :: 6 : ?

(a) 27 **(b)** 29 **(c)** 33 **(d)** 30

P184. 3 : 13 :: 2 : ?

(a) 8 **(b)** 6 **(c)** 9 **(d)** 5