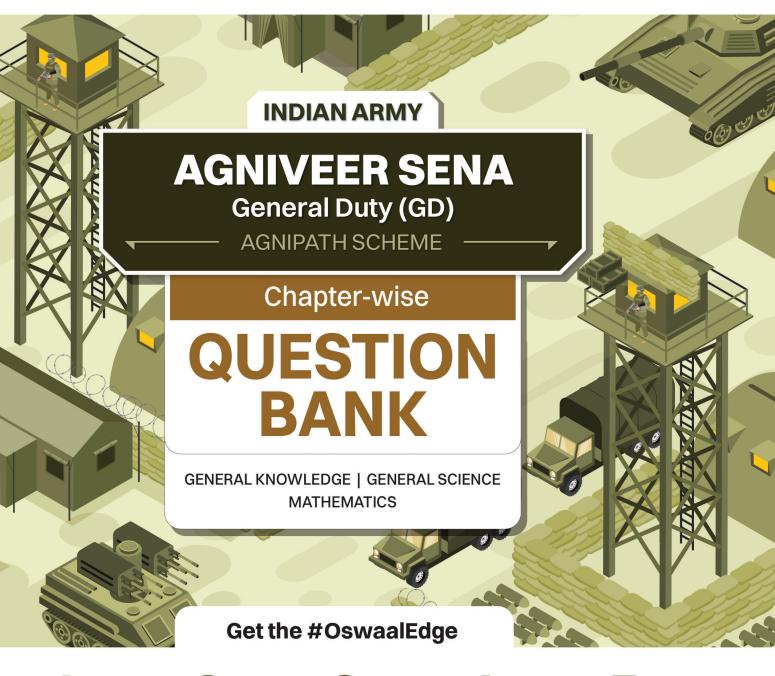
## OSWAAL BOOKS® LEARNING MADE SIMPLE



1

100% Exam Readiness

with 2 Fully Solved Sample Question Paper 2

Concept Clarity

with Chapter-wise Theory 3

**Extensive Practice** 

with more than 1200 Questions 4

Cognitive Learning

with Smart Mind Maps 5

**Examination Analysis** 

with Chapter-wise Weightage Analysis **Highly Recommended** 

For **2024** Exam

OSWAAL BOOKS LEARNING MADE SIMPLE

**INDIAN ARMY** 

## **AGNIVEER SENA**

**General Duty (GD)** 

**AGNIPATH SCHEME** 

Chapter-wise

QUESTION BANK

GENERAL KNOWLEDGE | GENERAL SCIENCE MATHEMATICS

Get the #OswaalEdge

100% Exam Readiness

with 2 Fully Solved Sample Question Paper 2

Concept Clarity

with Chapter-wise Theory 3

**Extensive Practice** 

with more than 1200 Questions

(1)

4

Cognitive Learning

with Smart Mind Maps 5

**Examination Analysis** 

with Chapter-wise Weightage Analysis



## 1st EDITION, YEAR 2023-24



"9789359582009"









## **Agniveer Sena (GD)**



## COPYRIGHT RESERVED BY THE PUBLISHERS

All rights reserved. No part of this book may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, without written permission from the publishers. The author and publisher will gladly receive information enabling them to rectify any error or omission in subsequent editions.







## **PUBLISHED BY**





1/11, Sahitya Kunj, M.G. Road, Agra - 282002, (UP) India



1010, Cambourne Business Centre Cambridge, Cambridgeshire CB 236DP, United kingdom



0562-2857671



contact@oswaalbooks.com



www.OswaalBooks.com

## DISCLAIMER

This book is published by Oswaal Books and Learning Pvt Ltd ("Publisher") and is intended solely for educational use, to enable students to practice for examinations/tests and reference. The contents of this book primarily comprise a collection of questions that have been sourced from previous examination papers. Any practice questions and/or notes included by the Publisher are formulated by placing reliance on previous question papers and are in keeping with the format/pattern/guidelines applicable to such papers.

The Publisher expressly disclaims any liability for the use of, or references to, any terms or terminology in the book, which may not be considered appropriate or may be considered offensive, in light of societal changes. Further, the contents of this book, including references to any persons, corporations, brands, political parties, incidents, historical events and/or terminology within the book, if any, are not intended to be offensive, and/or to hurt, insult or defame any person (whether living or dead), entity, gender, caste, religion, race, etc. and any interpretation to this effect is unintended and purely incidental. While we try to keep our publications as updated and accurate as possible, human error may creep in. We expressly disclaim liability for errors and/or omissions in the content, if any, and further disclaim any liability for any loss or damages in connection with the use of the book and reference to its contents".

Kindle Edition

## **PREFACE**

In the realm of defense and security, where valor and unwavering commitment stand as the cornerstones of safeguarding a nation, the Agniveer Sena - General Duty (GD) examination holds a unique and revered position.

The Government had launched Agnipath scheme on June 15, 2022 to recruit both male and female aspirants into 'below the officer's rank' cadre of the three services for a period of four years as Agniveers. Candidates between the age group of 17.5 to 21 years are eligible to apply for the scheme.

In 2022, 2.5 Lacs students appeared for Agniveer Sena—General Duty (GD) exam, this presents an excellent chance for individuals with aspirations to serve the nation by joining the Armed Forces, the opportunity you get from the Indian Army is just limitless, which helps in enhancing your personality traits.

The Agniveer Sena (GD) - Chapter-Wise book has been meticulously curated to serve as an essential tool in your quest to succeed in the Apnipath Scheme and aims to make aspirants exam-ready, boost their confidence and help them achieve better results in the examination.

Some Benefits of studying from Oswaal Agniveer Sena (GD) – Chapter-wise Question bank is:

- 1. **Concept Clarity** with easy to grasp theory complemented with Solved Examples
- 2. **Extensive Practice** with more than 1200 new Questions based on latest exam pattern and Two Sample Question Papers.
- 3. Crisp Revision with Mind Maps offering bite-sized and just-in-time revision tool
- 4. Expert Tips helps you get expert knowledge, master & crack Agniveer Sena (GD) in first attempt.
- 5. **Exam insights** with Chapter-wise weightage Analysis, empowering students to be 100% exam ready.
- 6. **Quick & Easy Techniques** the book offers Shortcuts & easy to follow Tips and Tricks to help readers solve exam questions efficiently.

May your dreams take flight, and may your journey be as rewarding as it is challenging. Here's to those who dare to dream and to the Agniveer's, where the sky is not the limit but the beginning of a new adventure.

Onward, to the skies!



## Be mindful. Be grateful. Be positive. Be true. Be kind

Three things that make you special

02

Three simple things you are grateful for experience that made you stronge

05 Three ways to inject gratitude into a current challenge

0,6

0 A fear you have overcome

08 Three activities you enjoy most and why

you smile today?

(8) Three things ou love abou your family

 $1/l_{\rm i}$ What is your favorite place, and why?

12 Three things you love most about yourself

13 you were overcome with joy 14,

15 Three everyday items you are grateful for

16

18 you are thankful for

Describe a rejection you are grateful for

20 Three things about your body you are grateful for

21 What are you most grateful for in your daily life?

Three things you are grateful for about where you live

23 you are grateful for 24

25 nature you are grateful for

26 A person in your past you are grateful for

Something at school you're grateful for

Describe the last time you laughed so hard you cried

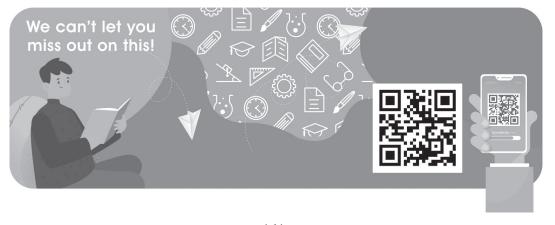
What is your proudest accomplish-ment?



	Tips to Crack Agniveer Sena (GD) in the First Attempt	8 - 8
	Syllabus – Agniveer Sena (GD)	9 - 10
	Scheme - Agniveer Sena (GD)	10 - 10
	Eligibility Criteria – Agniveer Sena (GD)	11 - 11
	Pay and Perks – Agniveer Sena (GD)	12 - 12
•	Agniveer Sena (GD) : Chapterwise Weightage Analysis	13 - 13
>	Mind Maps	1 - 20
>	Section A: General Knowledge	21 - 127
	1. Abbreviations	21 - 24
	2. Sports	25 - 28
	3. Awards and Prizes	29 - 33
	4. History	34 - 39
	5. Geography	40 - 49
	6. United Nations Organization (UNO)	50 - 54
	7. Indian Armed Forces	55 - 59
	8. Indian Town/Stated/Union Territory	60 - 63
	9. Institutions and Research Stations	64 - 67
	10. International Space Stations	68 - 71
	11. Festivals of India and World	72 - 75
	12. Continents and Sub-Continents	76 - 79
	13. Inventions and Discoveries	80 - 82
	14. Environment	83 - 87
	15. The Constitution of India	88 - 94
	16. Religious Communities and Principal Languages	95 - 100
	17. International Organizations	101 - 104
	18. Books and Authors	105 - 108
	19. The World of Plants and Animals	109 - 114
	20. Current Affairs	115 - 123
	21. Who's Who	124 - 127
$\triangleright$	Section B: General Science	128 - 170
	22. Human Body	128 - 131
	23. Food, Nutrition, Diseases and Prevention	132 - 137
	24. Chemistry	138 - 144
	25. Physics	145 - 152
	<b>26.</b> Biology	153 - 157
	27. Medical Terms	158 - 160
	28. Scientific Terms	161 - 164
	29. Scientific and Research Institutes of India	165 - 170
$\triangleright$	Section C: Mathematics	171 - 279
	30. Arithmetic	171 - 176

## Contd....

San	nple Question Paper - 2	284	-	287
San	nple Question Paper - 1	280	-	283
46.	Geometry	259	-	279
45.	Simple Interest	253	-	258
44.	Mensuration	240	-	252
43.	Algebra	233	-	239
42.	Time and Distance	227	-	232
41.	Time and Work	221	-	226
40.	Unitary Method	218	-	220
39.	Profit and Loss	213	-	217
38.	Partnership	209	-	212
37.	Ratio and Proportion	204	-	208
36.	Average	200	-	203
35.	Percentage	195	-	199
34.	Square and Square Roots	190	-	194
33.	Decimal Fraction	185	-	189
32.	HCF and LCM	180	-	184
31.	Numeral Ability	177	-	179



#### **POSITIVE AFFIRMATIONS**

An affirmation is a positive statement or phrase that individuals repeat to themselves with the intention of fostering a positive mindset, self-confidence, or personal development. The practice involves affirming desired beliefs or qualities, often in the present tense, to reinforce a positive self-image and encourage a more optimistic outlook.

"EMBRACE YOUR UNIQUENESS, NOURISH SELF-CARE, AND PRESS FORWARD RELENTLESSLY. TO ACHIEVE FLIGHT, UNLOAD THE BAGGAGE THAT SLOWS YOUR ASCENT."



I strongly trust in my vision and work deligently towards making it a reality.

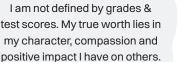


growing everyday.

I am capable of learning and



I embrace my mistakes, learn from them and use them to fuel my growth & resilience.





I celebrate my quirks, for they make me beautifully unique.



My voice matters and I believe in the power of my words to shape the world around me.



I face challenges with courage and determination.



I am not the product of circumstances, I am the product of my own choices.



I celebrate the achievements of others without diminishning my journey.



I believe that the twists & turns of my life lead me to an extraordinary destinations.

## Tips to Crack Agniveer Sena - General Duty (GD) in the First Attempt

The Indian Army conducts the Agniveer Sena (GD) exam for recruitment of below officer rank cadre, The Agnipath Scheme was inducted recently and is one of the National Level Examinations in India. Cracking the Agniveer Sena (GD) exam in the first attempt, given the difficulty level, is tricky but attainable if done diligently and smartly. Here are some tips that you must follow by heart to crack the exam in the very first attempt:

Think Right

Calming yourself and thinking positive is the first and the best course of action that one is required to take. Think and believe that the exam goal is achievable if worked upon smartly.

Start studying from the beginning

All the aspirants are aware of how vast, comprehensive and detailed the syllabus of the Agniveer Sena (GD) exam is. To crack the exam in the first attempt you have to start preparing for the exam from the beginning of your 10th class. It is only then that you will be able to complete the entire syllabus. Following this approach will also allow you plenty of time to revise.

Respect the syllabus and arrange the materials accordingly

While preparing for the Agniveer Sena (GD) exam nothing can be labelled as less important. Questions can come from the most unexpected topic too. Laying down your whole syllabus in front of you will help you to decide on teh study material you require.

Get the right tools and study material

Gathering and preparing from the appropriate study material is something you cannot be ignorant towards. You can refer to Oswaal Books Agniveer Sena (GD) Chapter-wise Question Bank to enhance your preparation. This reference book is on the lines of the current syllabus and can be entrusted upon before the examination.

Schedule total time for each subject

Creating a schedule which gives due time to all the subjects is a must. Giving proper time to all the subjects daily will help you cover the syllabus on time, giving you enough time for revision.

Practice a lot of Sample

Agniveer Sena (GD) Chapter-wise Question Bank will not only help you in under standing the examination pattern, but they will also help you in figuring out the questions that come up every year and this might give you an edge over other students. You can refer to Oswaal the Agniveer Sena (GD) book as it include all the Examination with solution, Mind Maps, etc. Referring to various sample papers might also help you in comprehending the areas which require more

**Understand the concepts** 

No one can crack the Agniveer Sena (GD) exam just by mugging up all the concepts and topics. The syllabus of the exam is in-depth such that you need to understand every concept.

Revise whenever you get time
Make sure you revise as much as possible. The
revision will help you in keeping the concepts
fresh in your mind.

**Analysing your performance** 

While you are solving papers, make sure you keep a track of time i.e. how much time does it take to solve one section or one question? Make a report of the sections and type of questions which take minimum and maximum time.

### **Agniveer Sena - General Duty (GD) Syllabus**

#### GENERAL KNOWLEDGE

**Abbreviations** – National and International.

**Sports** – National and International.

Awards & Prizes – National awards, Gallantry awards, Nobel Prizes.

**History** – Important dates & battles in Indian and World History and land marks of Indian

History, national movement.

Geography – Solar System Space exploration, The earth principal peaks, Deserts, Rivers, Lakes

and famous waterfalls, Geographical Tallest, Biggest and Longest etc.

**Terminology** – Geographical terms, Economic terms, Astronomical terms, Legal terms and Misc

terms.

#### **UNO**

Indian Armed Forces.

Indian Towns, States and Uts.

Institutions and Research Stations, International space Stations and Festivals of India and World.

Indian News Agencies and Dailies.

Continents and Sub Continents.

Inventions and Discoveries.

Environment.

The Constitution of India.

Religious communities and Principal Languages.

National and International Days.

International Organizations.

Books and Authors.

The world of Plants and animals.

Current Affairs and "Who's Who".

**Note:-** The above syllabus is not a comprehensive list of topics pertaining to the subject. At times questions may be asked other than the above topics but definitely within the syllabus of CBSE.

#### **GENERAL SCIENCE**

Human Body - Food and nutrition, diseases and prevention, vitamins and their uses.

Question of General Science consisting of topic related to Physics, Chemistry and Biology. based on fundamentals and day to day activities.

Medical Terms.

Scientific Terms.

Scientific and Research Institutes in India.

#### Contd....

**IO/Numeral Ability.** The questions will be based on the ability of the candidates of age group ranging between 16 & 20 years.

#### **MATHEMATICS**

#### **Arithmetic**

Consisting of numbers, HCF, LCM, Decimal fraction, square roots, percentage, Average, Ratio and proportion, partnership, profit & loss, unitary method, time work and distance, simple interest.

#### Algebra

Basic operations and factorization, HCF and LCM, quadratic equations.

#### Geometry

Lines and angles, triangles quadrilaterals, parallelograms and circles

#### Mensuration

Area and perimeters of Squares, rectangles parallelograms and circles, volume and surface area of cube, cuboids, cone, cylinders and sphere.

**Note :** The above syllabus is not a comprehensive list of topics pertaining to the subject. At times questions may be asked other than the above topics but definitely within the syllabus of CBSE

### Scheme - Agniveer Sena: General Duty (GD)

Ser No	Subject	Questions	Marks	Pass Marks	Remarks
(a)	General Knowledge	15	30		
(b)	General Science	20	40	32	NCC 'C' Cert holders are exempted
(c)	Maths	15	30		_

#### MARKING SCHEME FOR AGNIVEER SENA (GD) 2024

- (i) There will be negative marking in the exam. 1/4 of the marks assigned to the question will be deducted for every wrong answer.
- (ii) No marks will be deducted for unattempted questions.
- (iii) All attempted questions will be evaluated, even if marked for review.



### **ELIGIBILITY CRITERIA**

Nationality	Should be an Indian Citizen			
Age Criteria	Minimum Age 17.5 years			
	Maximum Age 21 years			
Age Relaxation	An age relaxation of 2 years is provided for the benefit of candidates.			
Upper Age Limit (One-time	The upper age limit is relaxed from 21 years to 23 years for Agneepath			
Measure)	Recruitment Year 2024.			
	Education Criteria			
Post Name	Qualification			
Agniveer General Duty (GD)	Class 10th Matric with 45% Marks and a Minimum 33% in Each Subject			
Agniveer Technical (All Arms)	10+2 Intermediate Exam in Science Stream with Physics, Chemistry,			
Agniveer Technical Aviation &	Maths and English with Minimum 50% Marks in Aggregate and 40%			
Ammunition Examiner	in Each Subject.			
	OR			
	10+2/Intermediate exam pass in Science with Physics, Chemistry, Maths & English from any recognized State Education			
	Board or Central Education Board to inclusive NIOS and ITI course of			
	minimum one			
	year in the required field with NSQF level 4 or above.			
	OR			
	10th/Matric pass with 50% in aggregate and min 40% in			
	English, Maths and Science with 02 years of Tech. Training			
	from ITI or two/three yrs. Diploma in following streams only: -			
	(i) Mechanic Motor Veh			
	(ii) Mechanic Diesel (iii) Electronic Mech			
	(iv) Technician Power Electronic Systems			
	(v) Electrician			
	(vi) Fitter			
	(vii) Instrument Mechanic			
	(viii) Draughtsman (All types)			
	(ix) Surveyor			
	(x) Geo Informatics Assistant (xi) Information and Communication Technology System			
	Maintenance			
	(xii) Information Technology			
	(xiii) Mechanic Cum Operator Electric Communication System			
	(xiv) Vessel Navigator			
	(xv) Mechanical Engineering			
	(xvi) Electrical Engineering (xvii) Electronics Engineering			
	(xvii) Electronics Engineering (xviii) Auto Mobile Engineering			
	(xix) Computer Science/Computer Engineering			
	(xx) Instrumentation Technology			
Agniveer Clerk / Store Keeper (Technical) All Arms	10+2 Intermediate in Any Stream with Minimum 60% Marks Aggregate and Minimum 50% Marks in Each Subject			
Agniveer Tradesman 10th Pass	Class 10th High School Exam Passed in Any Recognized Board in India. Minimum 33% in Each Subject			
Agniveer Tradesman 8th Pass	Class 8th Eight Exam Passed in Any Recognized Board in India. Minimum 33% in Each Subject			

#### **PAY and PERKS**

#### Indian Army Agniveer in Hand Salary

The Indian Army Agniveer in Hand Salary will vary depending on their rank and allowances. However, the basic pay for all Agniveers is Rs. 30,000 per month. In addition to their basic pay, Agniveers are also entitled to a number of allowances.

Year	Monthly Package	In-Hand Salary	Contribution to Agniveers Corpus Fund (30%)	Contribution to Corpus fund by GoI
1st Year	INR 30,000	INR 21,000	INR 9,000	INR 9,000
2nd Year	INR 33,000	INR 23,100	INR 9,000	INR 9,000
3rd Year	INR 36,500	INR 25,550	INR 10,950	INR 10,950
4th Year	INR 40,000	INR 28,000	INR 12,000	INR 12,000

#### Indian Army Agniveer Annual Package

The candidates post getting featured in the Indian Army Agniveer result list will be entrusted to get a monthly customised package of INR 30 thousand for the first year. This package will grow at the rate of 10% on an annual basis. With that, the annual package for the first year is going to be INR 3.6 LPA and it will go upto INR 4.8 LPA in the fourth year.

Year	Customized Package (Monthly)	Annual Package
1st Year	30000	INR 3.6 LPA
2nd Year	33000	INR 3.96 LPA
3rd Year	36500	INR 4.38 LPA
4th Year	40000	INR 4.8 LPA

#### **Indian Army Agniveer Salary Structure**

As per the information handout, the tenure of the candidate selected in the Indian Army Agniveer job profile is going to be of four years. During this period, they shall be paid a customised monthly package that is going to be devoid of allowances. Go through the table below to know about the year-wise Indian Army Agniveer in-hand salary.

Year	Customised Package (Monthly)	In Hand Salary	Contribution to Agniveers Corpus Fund (30%)	Contribution to Corpus fund by GoI
1st Year	30000	21000	9000	9000
2nd Year	33000	23100	9000	9000
3rd Year	36500	25550	10950	10950
4th Year	40000	28000	12000	12000

#### **Indian Army Agniveer Job Profile**

Candidates who score more than the Indian Army Agniveer cut off marks shall be finally appointed as shall be asked to discharge the following duties after joining the force.

Post	Job Profile
Agniveer Clerk / Store Keeper Technical	They have to maintain an inventory of the items available in the Army Canteen.
Agniveer (General Duty)	They belong to the active army group and have to work together with the team to combat enemy.
Agniveer Tradesmen	They belong to the multi-tasking group and have to do the job as per the profile they have been posted.
Agniveer (Tech)	They are entrusted with the job of making sure that all the technical equipment is working fine.

## **Agniveer Sena (GD): Chapterwise Weightage Analysis**

#### General Knowledge

Section	Number of Questions Asked
Current Affairs	2-3
Appointment	2
Awards & Honours	1-2
History	2-3
Geography	2
Polity	2-3
Total	15

#### **General Science**

Section	Number of Questions Asked
Biology	5-6
Physics	3-4
Chemistry	4-5
Total	15

#### **Mathematics**

Section	Number of Questions Asked
Percentage	2
CI & SI	1
Profit & Loss	1-2
Time & Work	1-2
Algebra	5-6
Number System	1-2
Polygon	-
Total	20

#### Order Form

#### JEE (MAIN) 15 Mock Test Papers (For 2024 Exam)

JEE (MAIN) 15 Mock Test Papers (Mathematics, Physics,

JEE (MAIN) Year-wise 22 Solved Papers(All Shifts) (For 2023 Exam)

Mathematics, Physics, Chemistry

JEE (MAIN) Chapter-wise & Topic-wise Solved papers (2019-2023) Question Bank (For 2024 Exam)

Mathematics, Physics, Chemistry

#### JEE(Main) RMT Cards

Physics Part - I, Physics Part - II, Chemistry Part - I Chemistry Part - II, Mathematics Part -I, Mathematics Part - II

JEE Advanced (For 2024 Exam) 22 Year-wise Solved Papers (2002-2023)

Mathematics, Physics, Chemistry

JEE Advanced 10 Mock Test Papers Paper 1 & Paper 2 (For 2023 Exam)

JEE Advanced 10 Mock Test Papers (Paper-1 & 2)

GATE 14 Year-wise (For 2024 Exam) Solved Papers (2010 to 2023)

GATE 14 Yearwise Solved Paper (General Aptitude), GATE 14 Yearwise Solved Paper (Engineering Mathematics)

GATE 14 Years' (For 2024 Exam) Chapterwise & Topicwise Solved Papers (2010 to 2023)

GATE 14 Years' Chapterwise & Topicwise Solved Papers (General Aptitude), GATE 14 Years' Chapterwise & Topicwise Solved Papers (Engineering Mathematics)

NEET 36 Years' Solved Papers (For 2024 Exam) Chapterwise & Topicwise 1988-2023

Biology, Physics, Chemistry, NEET 18 Year-wise Solved Papers

### NEET (UG) 15 Mock Test Papers (For 2024 Exam)

NEET (UG) 15 Mock Test Papers (Physics, Chemistry,

#### **NEET RMT Cards**

Physics Part-1, Physics Part-2, Chemistry Part-1, Chemistry Part-2, Biology Part-1, Biology Part-2

Handbook Class 11 & 12, Entrance Exams (Engineering & Medical)

Physics, Chemistry, Mathematics & Biology

#### **Vedic Maths**

Vedic Maths (Ashima Sekhri)

#### **CUET Sample Question Papers**

English, Accountancy, Biology, Business Studies, Chemistry, Mathematics/Applied Mathematics, Entrepreneurship, Computer Science/Informatics Practices, Sociology, Economics, Geography, History, Physics, Political Science, Psychology, Physical Education, (Quantitative Aptitude, Logical Reasoning General Awareness),

CDS Chapter-Wise & Topic-Wise Solved Papers (2014-2023)

Elementary Mathematics, English, General Knowledge

NDA-NA Chapter-Wise & Topic-Wise Solved Papers (2014-2023)

Mathematics, General Ability Test: English, General Ability Test: General Studies

#### CUET Question Bank (For 2023 Exam)

Quantitative Aptitude, Logical Reasoning, General Awareness

#### National Talent Search Exam (NTSE)

NTSE Mock Test 15 Sample Question Papers MAT + SAT Stage 1 & Stage 2, NTSE 10 Yearwise Solved Papers 2011-2021

#### **IRA Question Bank 10th Pass**

Quantitative Aptitude, Logical Reasoning, General Awareness, General English

#### NRA Question Bank 12th Pass

Quantitative Aptitude, Logical Reasoning, General Awareness, General English

#### NRA Question Bank Graduation Pass

Quantitative Aptitude, Logical Reasoning, General Awareness, General English

**Objective General English** 

Objective General English

#### **Objective Quantitative Aptitude**

Objective Quantitative Aptitude

CAT 15 Mock Test Papers, CAT 25 Years' Chapterwise & Topicwise Solved Papers (1990-2008) (2017-2022), CAT 10 Years' Chapterwise & Topicwise Solved Papers Question Bank (2005-2008), (2017-2022), CAT 5 Years' Yearwise Solved Papers Shift wise (2018-2022)

#### **UGC-NET**

UGC NET Paper-1 Year-Wise 13 Solved Papers (2015-2023) For 2024 Exam General Aptitude, UGC NET Paper-1, 15 Years' Question Bank Chapterwise & Topicwise Solved Papers (2009-2023) General Aptitude

#### RRB NTPC 2023 1st Stage Exam

RRB NTPC 12 Previous Years' Papers 2016 (All Shifts) & 2019 (Two Shifts) +10 Mock Test Papers

UPSC Prelims 10 Years' Solved Papers (2014 -2023) English Medium (For 2024 Exam)

UPSC CSE Prelims General Studies (Paper-1), UPSC CSAT Prelims General Studies (Paper-2)

#### UPSC NCERT One for All (For 2024 Exam)

Polity, Economy, History, Geography, General Science

UPSC Power Bank For UPSC & State PSCs Exam (For 2024 Exam)

Ancient & Medieval History, Art & Culture, Geography, Indian Polity, Indian Economy, Science & Tech., Environment & Ecology, Modern History

## UPSC Mock Test Papers CSE Prelims (For 2024 Exam)

15 Mock Test Papers for UPSC CSE Prelims General Studies Paper-1, 15 Mock Test Papers for UPSC CSE Prelims (CSAT) General Studies Paper-2

UPSC CSE (Pre) 29 Years' Solved Papers (1995-2023) (For 2024 Exam)

UPSC 29 Years' Topicwise Solved Question Paper Prelims GS Paper -1 & 2

CDS Year wise 11 Solved Papers (2018-2023)

Elementary Mathematics, English, General Knowledge NDA-NA Year-wise 12 Solved Papers (2017-2023)

Mathematics, General Ability Test: English, General Ability Test: General Studies

Exam Preparation Books for Class 1 to 12: CBSE, CISCE Boards & Karnataka Board | OLYMPIADS | JEE | NEET | CUET | NDA | CDS | CAT | GATE | UPSC | UGC NET | NRA CET & more

We are available in all leading e-commerce platforms and all good bookstores.



amazon.in

Flipkart 4

meesho

JioMart

snapdeal

amazonkindle



### **Exclusive School Books Suppliers**

ANDHRA PRADESH VIJAYAWADA Sri Vikas Book Centre, 9848571114, 9440715700,

ASSAM

WEST KAMENG Dutta Book Stall, 8729948473

KARNATAKA

BANGLORE Satish Agencies, 8861630123

**GUJRAT** 

RAJKOT Royal Stationers, 9824207514 MAHARASHTRA

Madhusheela Books & Stationery, 7875899892 Anil Paper Mart, 9422722522, (02482) 230733

TAMIL NADU

Bookmark-IT, 7305151653 CHENNA

TELANGANA

HYDERABAD Sri Balaji Book Depot , 9676996199, (040) 27613300

WEST BENGAL

KOLKATA United Book House, 9831344622

#### **Our Distributors**

ANDHRA PRADESH VISAKHAPATHAM JBD Educational, 9246632691, 9246633693, Sri Rajeshwari Book Link, 9848036014 VIJAVAWADA Akshava Books Corner, 9666155555 ANDAMAN & NICOBAR ISLAND JABALPUR Krishna Book Centre, 9474205570, Kumar Book Depot, 9932082455, Kumar Book Depot, 9932082455, Sree aditya Book Centre, 8332972720, 7013300914 PORTBLAIR SAGAR KATNI UJJAIN GUWAHATI Book Emporium, 9675972993, 6000763186,

Ashok Publication, 7896141127, Kayaan Enterprises, (0361) 2630443, Orchid Book house, 9864624209, Newco, 9864178188

BIHAR Nova Publisher & Distributors, (0612) 2666404, Shri Durga Pustak Mandir, 9334477386, Sharda Pustak Bhandar, 9334259293, Vikas Book Depot, 9504780402, Alka Book Agency, PATNA

9835655005, Metro Book(E&C), Ishu Pustak Bhandar, 8294576789, Gyan Ganga Limited, 6203900312, Ishu Pustak Bhandar, ( E & C ), 9334186300/8294576789

MUZAFFARPUR Pustak Bhandar, 7870834225

CHATTISGARH

Saini Brothers, 9425582561, M.P Department Stores, 9425254264 AMBIKAPUR Bokaro Student Friends Pvt. Ltd, Bokaro, 7277931285 BOKARO

BHILAI Anil Book Depot, 9425234260

DURG Bhagwati Bhawani Book Depot, 0788-2327620, 9827473100

**KORBA** Kitab Ghar, Korba ( E & C ), 9425226528

Shri Ramdev Traders, 9981761797, Gupta Pustak Mandir, 7974220323, RAIPUR

Anil Publication, 9691618258/7999078802 Sindhu Book Deopt, 9981935763

RAIGARH

Mittal Books, (011) 23288887, 9899037390, Singhania Book & Stationer, 9212028238, AoneBooks, New Delhi, 8800497047, Radhey Book Depot, 9818314141, Batheja Super Store, 9871833924, Lov Dev & Sons, Delhi (E & C), 9811182352, Zombozone, 9871274082, LDS Marketing, 9811182352/9999353491

GUJARAT

Patel Book, 9898184248, 9824386112, 9825900335, Zaveri Agency, 9979897312, 9979890330, Hardik Book Agency, (ISC) 079-24110043, 9904659821 Samir Book Stall, Bhavnagar (ISC) 9586305305 Collegian Book Corner, 9925501981 Goutam Book Sellers, 9081790813 AHMEDABAD

DAHOD VAPI

VALSAD Mahavir Stationers, 9429474177 NAVSARI College Store, (ISC) NO CALL 02637-258642, 9825099121

SURAT Shopping Point, 9824108663

VADODARA Umakant Book Sellers & Stationer, 9624920709

HARYANA

Manish Traders, 9812556687, Swami Kitab Ghar, 9355611088, Babu Ram Pradeep Kumar, 9813214692 Sanjay book depot, 9255447231 ROHTAK

BALLABGARH Kashi Ram Kishan lal, 9289504004, 8920567245 HISAR Natraj Book Distributors, 7988917452

BHUNA Khurana Book Store, 9896572520

Sahitya Sangam, 9419190177

JHARKHAND BOKARO

... \_\_ Bokaro Student Friends, (0654) 2233094, 7360021503, Bharati Bhawan Agencies, 9431740797 RANCHI

Crown Book Distributor & Publishers, (0651) 2213735, 9431173904, Pustak Mandir, 9431115138,

DUMKA Vidyarthi Pustak Bhandar, 9431310228

KARNATAKA HURLL

Renuka Book Distributor, (0836) 2244124, Vidyamandir Book Distributors, 9980773976 CHENNAI

**BANGLORE** Krishna book house, 9739847334, Hema Book Stores, 9986767000,

Sapna Book House Pvt. Ltd., 9980513242, Hema Book World (Chamrajpet) (ISC) 080-40905110, 9945731121

Chatinva book centre, 9886064731

BELLERI KERALA

ERNAKULAM Academic Book House, (0484) 2376613, H & C Store, 9864196344, Surva Book House, 9847124217, 9847238314

КОТТАУАМ Book Centre, (0481) 2566992

Academic Book House, (0471) 2333349, 9447063349, Ponni Book Stall, 9037591721 TRIVANDRUM

CALICUT Aman Book Stall, (0495) 2721282,

MADHYA PRADESH

Pustak Bhawan, ( E & C ), 8982150100 **CHHINDWARA GWALIOR** Agarwal Book Depot, 9425116210

INDORE

PUNE

AURANGARAD

MUMBAI

NANDED

VASAI

AGARTALA

COIMBATORE

PUDUCHERRY

SALEM

TRICHY

PUNE

JALNA

Bhaiya Industries, 9893326853, Sushil Prakashan, (0731) 2503333, 2535892, 9425322330, Bhaiya Store, 9425318103, Arun Prakashan, 9424890785 Bhaiya Book Centre, 9424081874, Seva Suppliers, 9826451052

Vinav Pustak Sadan, 8962362667, Anand Books and Stationers, 9425323508

Princi Book Depot, Sagar, 9977277011 Shri Mahavir Agency, 9425363412 Shreenath Book Depot, 9827544045

BHOPAL Gupta Brother, 9644482444

MAHARASHTRA

Natraj Book Depot. (020) 24485054, 9890054092, Vikas Book House, 9921331187, Pravin Sales, 9890683475, New Saraswati Granth Bhandar, 9422323859, Akshar Books & Stationary, 7385089789, Vardhaman Educational, 9860574354, Yash Book Centre, 980156763, Pragati Book Centre, (15C), 9850039311, Praveen Sales, Pragati Book Centre, Pune ( E & C ), 9850039311

Shree Sainath Agencies, 7350294089, Maya Book Centre, (ISC), 937260150

Vidyarthi Sales Agencies, 9819776110, New Student Agencies, 7045065799, Shivam Books & Stationery, 8619805332

JALGAON Sharma Book Depot & Stat. (ISC), 9421393040

Yash Book House, 9637936999, Shri Ganesh Pustakalay, 9730172188 LATUR

KOLHAPUR Granth the Book World, 9922295522

NAGPUR Laxmi Pustakalay and Stationers, (0712) 2727354, Vijay Book Depot, 9860122094

Renuka Book distributor, 9765406133, Novelty Book Depot, 9657690220, Karamveer Book Depot, 9923966466, Arun Book & Stationers, 9423110953 Abhang Pustakalaya, 9823470756/9175940756

Rahul Book Centre, 9970849681, New India Book House, 9623123458 NASHIK Navjeevan Book Stall, 7020525561 Shri Ganesh Pustkalaya, 9423131275

Prime Book Centre, Vasai, 9890293662

CUTTACK A. K. Mishra Agencies, 9437025991, 9437081319

BHUBANESHWA

M/s Pragnya, 8847888616, 9437943777, Padmalaya, 9437026922, Bidyashree, 9937017070, Books Godown, 7894281110 Trimurti Book World, 9437034735 Students corner, 7008435418 BARIPADA KEONJHAR

**PUNJAB** 

Bharat Book Depot, 7988455354 AMBALA PATIALA

Goel Sons, 9463619978, Adarsh Enterprises, 9814347613 JALANDHAR

Cheap Book Store, 9872223458, 9878258592, City Book Shop, 9417440753, Subhash Book Depot, 987635625, Paramvir Enterprises, 9878626248 Sita Ram book Depot, 9463039199, 7696141911

**FEROZPUR** 

Amit Book, 9815807871, Gupta Brothers, 9888200206, Bhatia Book Centre, 9815277131

CHANDIGARH Mohindra Book Depot, 9814920226

**RAJASTHAN** 

AJMER Laxmi General Store, Ajmer, 0145- 2428942 9460652197 кота

Vardhman Book Depot, 9571365020, 8003221190 Raj Traders, 9309232829

BHILWARA

Nakoda Book Depot, (01482) 243653, 9214983594, Alankar Book Depot, 9414707462 Ravi Enterprises, 9829060694, Saraswati Book House, (0141) 2610823, 9829811155, Goyal Book Distt, 946098393, 9414782130 Sunil Book Store, 9828682260

**UDAIPUR** Second Hand Book Stall, 9460004745 **JODHPUR** 

**TRIPURA** 

Book Corner, 8794894165, 8984657146, Book Emporium, 9089230412

TAMIL NADU

Majestic Book House, (0422) 2384333, CBSC Book Shop, 9585979752

Arraba Book Traders, (044) 25387868, 9841459105, M.R. Book Store (044) 25364596, Kalaimagal Store, (044) 5544072, 9940619404, Vijaya Stores, 9381037417, Bookmark It-Books & Stat Store, 7305151653, M.K. Store, 9840030099, Tiger Books Pvt. Ltd., 9710447000, New Mylai Stationers, 9841313062, Prince Book House, Chennai,

0444-2053926, 9952068491, S K Publishers & Distributors, 9789865544, Dharma Book Shop, 8667227171

Sri Lakshmi Book Seller, 7871555145 Pattu book centre, 9894816280

P.R.Sons Book Seller, 9443370597, Rasi Publication, 9894816280 THENI Mava Book Centre, 9443929274

MADURAI

Selvi Book Shoppe, 9843057435, Jayam Book Centre, 9894658036 VELLORE G.K book centre and collections, 9894517994

Sri Balaji Book Depot, (040) 27613300, 9866355473, Shah Book House, 9849564564 **HYDERABAD** 

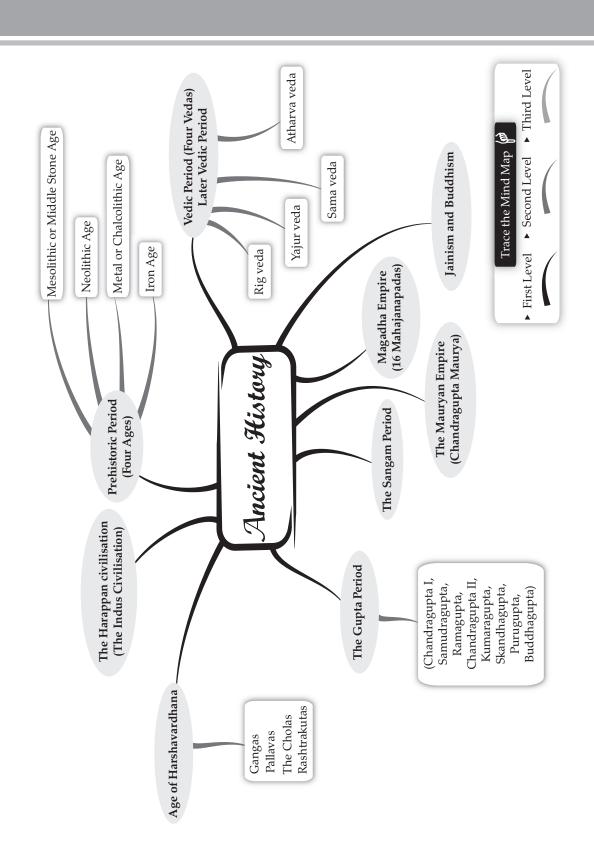
Vishal Book Distributors, 9246333166, Himalaya Book World, 7032578527

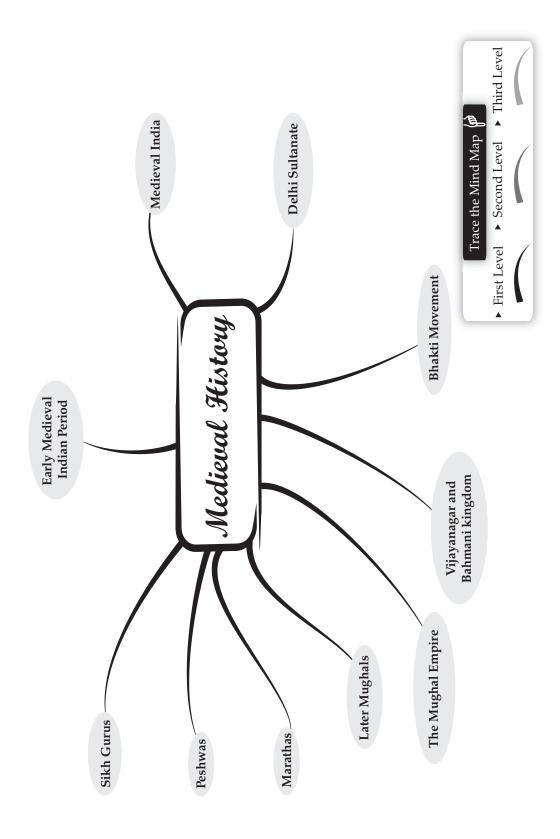
## **Exclusive School Books Suppliers**

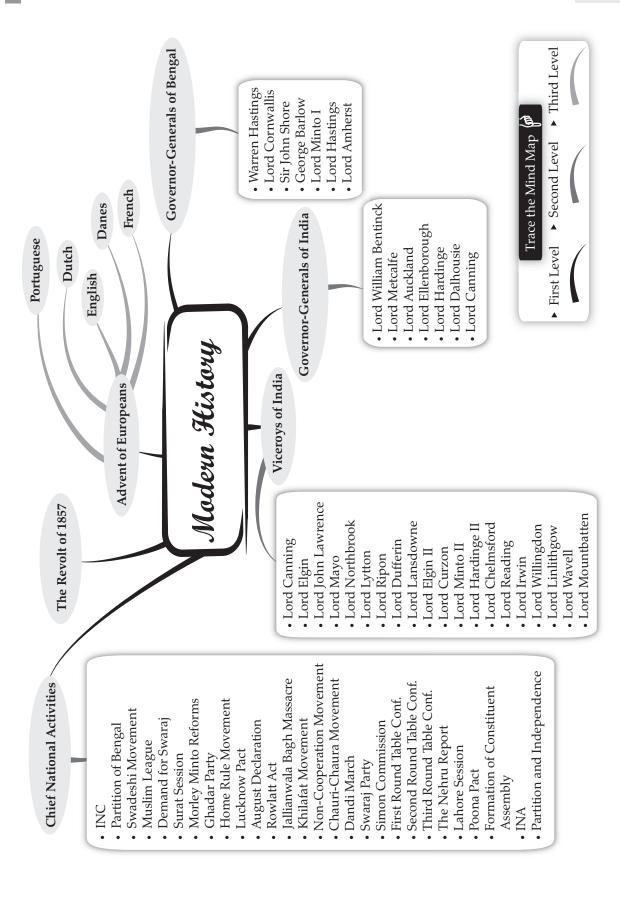
	UTTARAKHAND	GORAKHPUR	Central Book House, 9935454590, Friends & Co., 9450277154, Dinesh book depot, 9125818274, Friends & Co., 9450277154
DEHRADUN	Inder Book Agencies, 9634045280, Amar Book Depot , 8130491477, Goyal Book Store, 9897318047, New National Book House, 9897830283/9720590054	JHANSI	Bhanu Book Depot, 9415031340
MUSSORIE	Ram Saran Dass Chanda kiran, 0135-2632785, 9761344588	KANPUR	Radha News Agency, 8957247427, Raj Book Dist., 9235616506, H K Book Distributors, 9935146730, H K Book Distributors, 9506033137/9935146730
	UTTAR PRADESH	LUCKNOW	Vyapar Sadan, 7607102462, Om Book Depot, 7705871398, Azad Book Depot Pxt. Ltd., 731700250, Book Sadan, 9839487327, Rama Book Depot(Retail), 7355078254, Ashirwad Book Depot, 9235501197, Book.com, 7485922755, Universal Books, 9450302161, Sheetla Book Agency, 9235832418, Vidyarthi Kendra Publisher & Distributor Pxt Ltd. (Gold), 9554967415, Tripathi Book House, 9415425943
AGRA	Sparsh Book Agency, 9412257817, Om Pustak Mandir, (0562) 2464014, 9319117771, Sanjay Publication, 8126699922 Arti book centre, 8630128856, Panchsheel Books, 9412257962, Bhagwati Book Store, (E & C), 9149081912	MEERUT	Ideal Book Depot, (0121) 4059252, 9837066307
ALLAHABAD	Mehrotra Book Agency, (0532) 2266865, 9415636890	NOIDA	Prozo (Global Edu4 Share Pvt. Ltd), 9318395520, Goyal Books Overseas Pvt.Ltd., 1204655555 9873387003
AZAMGARH	Sasta Sahitya Bhandar, 9450029674	PRAYAGRAJ	Kanhaiya Pustak Bhawan, 9415317109
ALIGARH	K.B.C.L. Agarwal, 9897124960, Shaligram Agencies, 9412317800, New Vimal Books, 9997398868, T.I.C Book centre, 9808039570	MAWANA	Subhash Book Depot, 9760262264
BULANDSH	AHAR Rastogi Book Depot, 9837053462/9368978202		
			WEST BENGAL
BALRAMPU	Universal Book Center, 8933826726	KOLKATA	Oriental Publishers & Distributor (033) 40628367, Katha 'O' Kahini, (033) 22196313, 22419071, Saha Book House, (033), 22193671, 9333416484, United Book House, 9831344622, Bijay Pustak Bhandar, 8961260603, Shawan Books Distributors, 8336820363, Krishna Book House, 9123083874
BAREILLY	Siksha Prakashan, 9837829284	RENUKOOT	Om Stationers, 7007326732
HARDOI	Mittal Pustak Kendra, 9838201466		
DEORIA	Kanodia Book Depot, 9415277835	COOCH BEHAR	S.B. Book Distributor, Cooch behar, 9002670771
VARANASI	Gupta Books, 8707225564, Bookman & Company,9935194495/7668899901	KHARAGPUR	Subhani Book Store, 9046891334
MATHURA	Sapra Traders, 9410076716, Vijay Book House , 9897254292	SILIGURI	Agarwal Book House, 9832038727, Modern Book Agency, 8145578772
FARRUKHAI	Anurag Book Agencies, 8844007575	DINAJPUR	Krishna Book House, 7031748945
NAJIBABAD DHAMPUR	Gupta News Agency, 8868932500, Gupta News Agency, ( E & C ), 8868932500 Ramkumar Mahaveer Prasad, 9411942550	MURSHIDABAD	New Book House, 8944876176

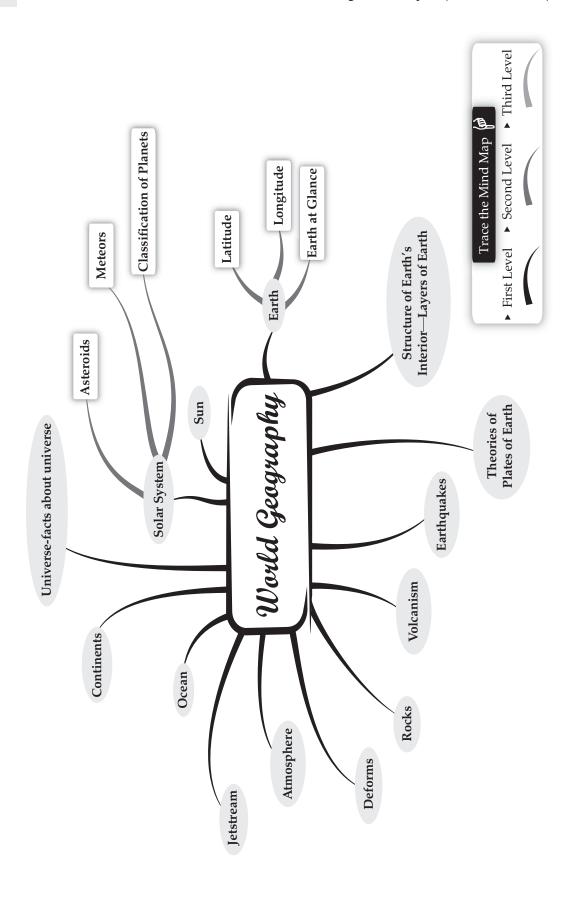
## **Entrance & Competition Distributors**

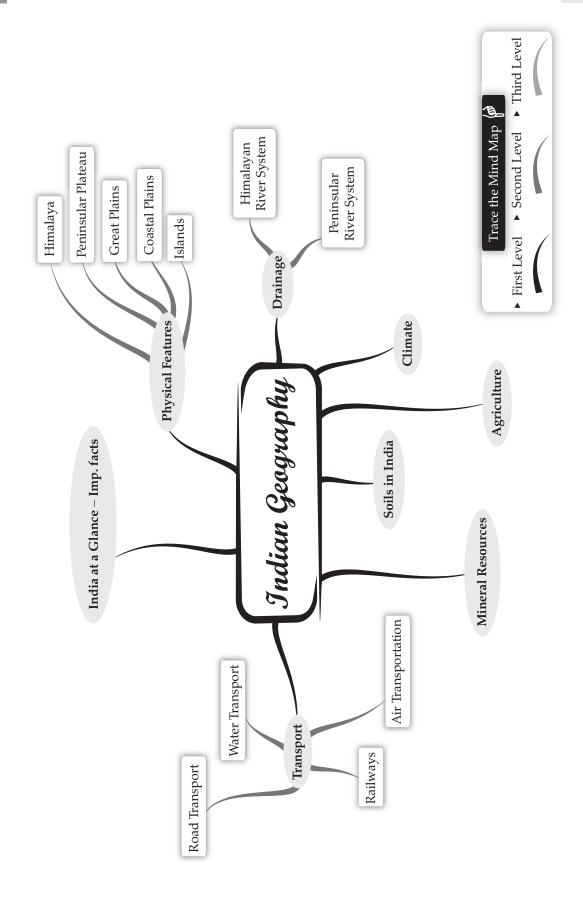
	BIHAR	CUTTAK	A.K.Mishra Agencies, 9437025991
PATNA	Metro Books Corner, 9431647013, Alka Book Agency, 9835655005, Vikas Book Depot, 9504780402	BHUBANESH- WAR	M/s Pragnya, 9437943777
	CHATTISGARH		PUNJAB
KORBA	Kitab Ghar, 9425226528, Shri Ramdev Traders, 9981761797	JALANDHAR	Cheap Book Store, 9872223458, 9878258592
	DELHI		RAJASTHAN
DELHI	Singhania Book & Stationer, 9212028238, Radhey Book depot, 9818314141, The Book Shop, 9310262701, Mittal Books, 9899037390, Lov Dev & Sons, 9999353491	кота	Vardhman Book Depot, 9571365020, Raj Traders, 9309232829
NEW DELHI	Anupam Sales, 9560504617, A ONE BOOKS, 8800497047	JAIPUR	Goyal Book Distributors, 9414782130
	HARYANA		UTTAR PRADESH
AMBALA	Bharat Book Depot, 7988455354	AGRA	BHAGWATI BOOK STORE, 9149081912, Sparsh Book Agency, 9412257817, Sanjay Publication, 8126699922
	JHARKHAND	ALIGARH	New Vimal Books, 9997398868
BOKARO	Bokaro Student Friends Pvt. Ltd, 7360021503	ALLAHABAD	Mehrotra Book Agency, (532) 2266865, 9415636890
	MADHYA PRADESH	GORAKHPUR	Central Book House, 9935454590
INDORE	Bhaiya Industries, 9109120101	KANPUR	Raj Book Dist, 9235616506
CHHINDWA	Pustak Bhawan, 9827255997	LUCKNOW	Azad Book Depot PVT LTD, 7317000250, Rama Book Depot(Retail), 7355078254 Ashirwad Book Depot , 9235501197, Book Sadan, 8318643277, Book.com , 7458922755, Sheetla Book Agency, 9235832418
	MAHARASHTRA	PRAYAGRAJ	Format Center, 9335115561, Garg Brothers Trading & Services Pvt. Ltd., 7388100499
NAGPUR	Laxmi Pustakalay and Stationers, (0712) 2727354		UTTAR PRADESH
PUNE	Pragati Book Centre, 9850039311	DEHRADUN	Inder Book Agancies, 9634045280
MUMBAI	New Student Agencies LLP, 7045065799		WEST BENGAL
	ODISHA	KOLKATA	Bijay Pustak Bhandar Pvt. Ltd., 8961260603, Saha Book House, 9674827254 United Book House, 9831344622, Techno World, 9830168159
BARIPADA	Trimurti Book World, 9437034735		808

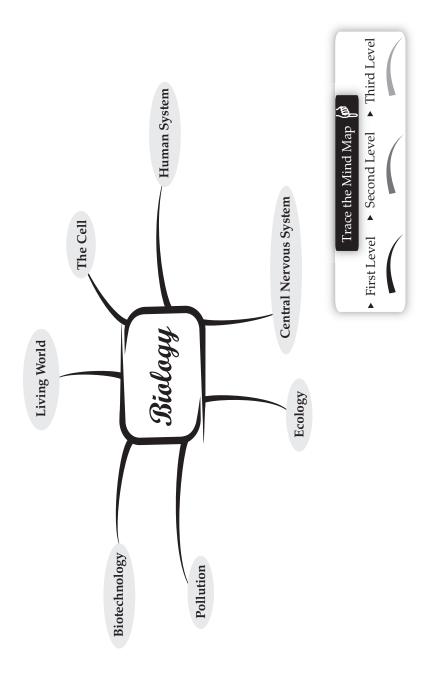


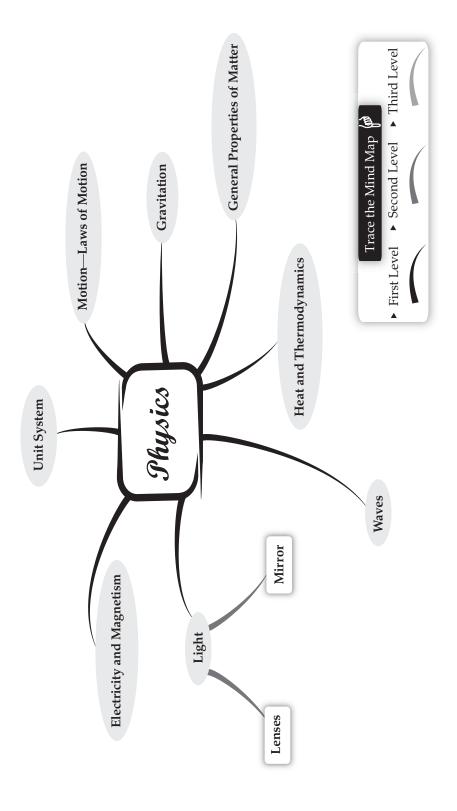


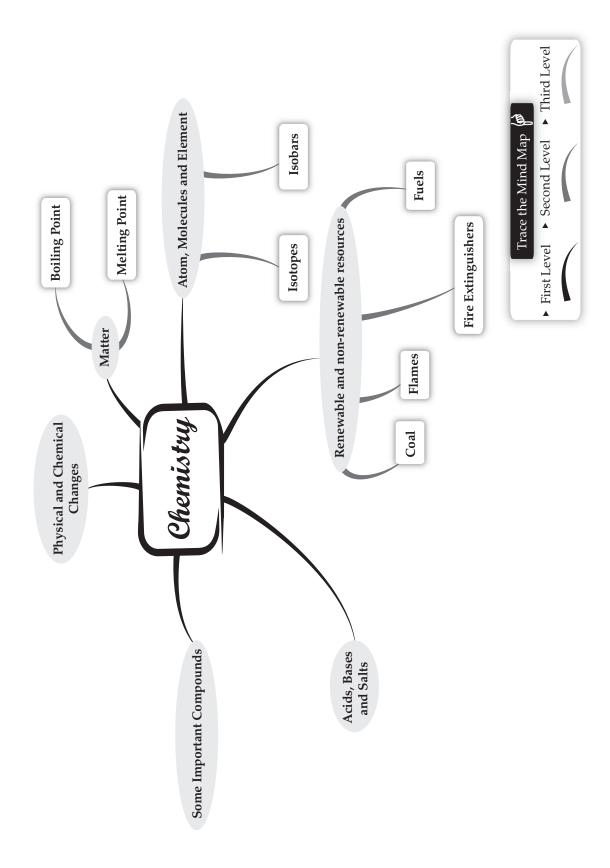


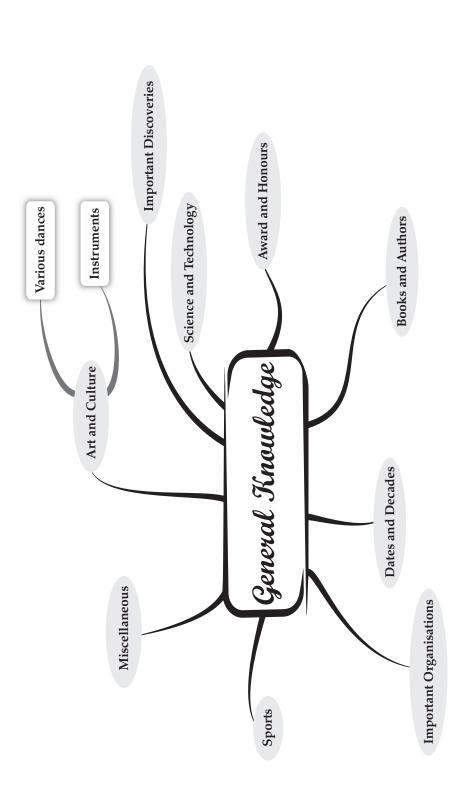




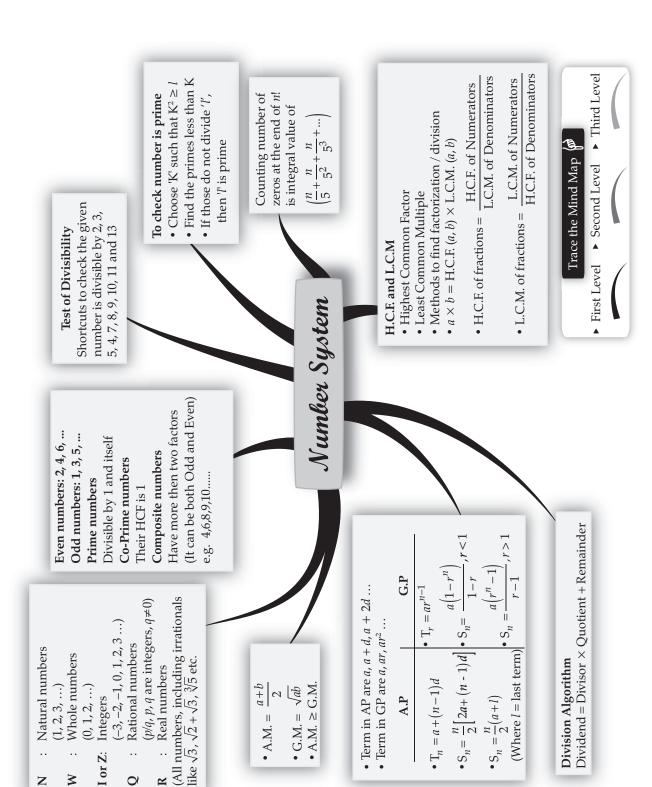












## V BODMAS Rule

V means Vinculum or bar. (The bar you see on the top of the values  $\bar{x}$ ) B means Brackets - ( ) {} [ ]

O means of [i.e., Powers and square roots etc.]

D means Division [÷]

M means Multiplication [x]

S means Subtraction [-] A means Addition [+]

-a, a < 0Modulus:  $|a| = \begin{cases} a, a \ge 0 \end{cases}$ 

# l is square of k k is square root of l

Square Root and Cube Root

*l* is cube of *k* 

Method of finding *k* is cube root of *l* 

 Prime factorization method Methods of finding Prime factorization

method
• Division method

## Rules of Indices

• 
$$a^m \times a^n = a^{m+n}$$
•  $\frac{a^m}{a^n} = a^{m-n}$ 

Simplification

## Some Root Value

fractions, like fractions unlike

fractions, mixed fraction,

continuous fraction

Proper fractions, improper

**Types of Fractions** 

and  $b \neq 0$ 

Fractions  $\frac{a}{b}$ ; a,  $b \in I$  Rules of Surds

• 
$$\sqrt{2} = 1.414$$

 $d = {}_{m} \left( \underline{d} \underline{\wedge}_{m} \right) \bullet$ 

•  $\sqrt[n]{a} = a^{\overline{n}}$ 

• 
$$\sqrt{3} = 1.732$$

$$\sqrt{5 + \sqrt{11 + \sqrt{19 + \sqrt{29 + \sqrt{49}}}}} = 3$$

▶ First Level ▶ Second Level ▶ Third Level

Trace the Mind Map

## Decimals

- Recurring decimals
- Non recurring decimals.
  - Decimal fractions

numbers is  $a_2$ , then the average of total numbers  $n_1$  and  $n_2$ ,

 $n_1 a_1 + n_2 a_2$  $n_1 + n_2$ 

Average =

If the average of  $n_1$  number is  $a_1$  and the average of  $n_2$ 



• Average of 
$$1^3$$
,  $2^3$ ,  $3^3$  .....  $n^3 = \frac{n(n+1)^2}{4}$ 

Natural numbers i.e. 2, 4, 6, .... 2n = n + 1The Average of first n consecutive even

Problems on Ages

natural numbers i.e. 1, 3, 5, ....(2n-1) = nThe Average of first n consecutive odd

- then the age after n years will be (x + n) years. • If the current age is x,
  - If the current age is x,
- example, p:q, then the ages shall be considered then the age years before will be (x - n) years. If the age is given in the form of a ratio, for as px and qx, repectively.

Solving using known

Questions Based

Puzzle type

on Ages of a

Average and

Problems an

Ages

Person

Mathematical tools

- then *n* times the current age will be  $(x \times n)$ If the current age is x, years.
- then  $\frac{1}{n}$  of the age will be equal to  $\left(\frac{x}{n}\right)$  years. If the current age to be x,

(Arithmetic Mean)

Average

k number of observations with  $n_1$ ,  $n_{\alpha'}$  ...  $n_k$  numbers having Then, Combined average  $A_1, A_2, \dots, A_k$  averages respectively.

 $n_1 \mathbf{A}_1 + n_{\alpha} \mathbf{A}_{\alpha} + \dots + n_k \mathbf{A}_k$ 

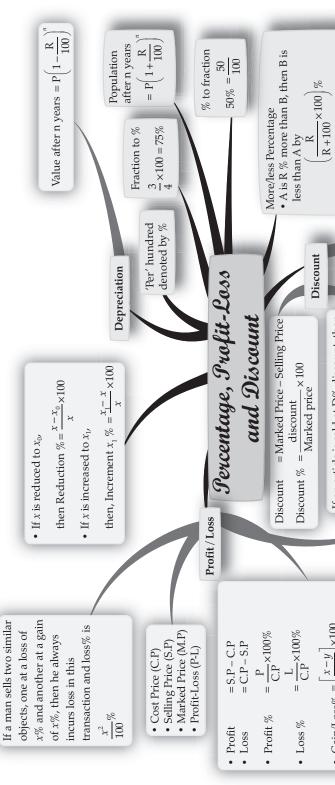
 $n_1 + n_{\alpha} + \dots + n_k$ 

A = Total number of Observations Sum of Observations

Trace the Mind Map ▶ Second Level ▶ First Level

▶ Third Level

Average of first *n* terms =  $\frac{n+1}{2}$ 



• A is R% less than B, then B is more than A by Discount If an article is sold at D% discount, then S.P = MP  $\left(\frac{100 - D}{100}\right)$  or MP =  $\frac{\text{S.P} \times 100}{100 - D}$ Discount  $\% = \frac{\text{Austraum}}{\text{Marked price}} \times 100$ 

 $\left[100 \pm \left(\frac{\text{gain}}{\text{loss}}\right)\right]$ 

• S.P

• Gain/Loss% =  $\left| \frac{x-y}{y} \right| \times 100$ 

 $\left(\frac{R}{100-R} \times 100\right)\%$ 

 If a% and b% are two succeissive losses then (negative sign shown • If a% profit and b% loss occur, simultaneously then overall loss or loss and positive sign shows profit). Total loss % = [ $-a - b + \frac{ab}{100}$ ] profit % is  $[a - b - \frac{ab}{100}]$ %

• If an object is sold on r% loss,

Where x = S.P,

then, S.P =  $\frac{[100 - \text{Loss}\%]}{}$ 

• If a% loss and b% profit occur then, total  $\frac{\log s}{\text{profit}}$  is  $\left[-a+b-\frac{ab}{100}\right]\%$ (-ve sign for loss, +ve sign for profit)

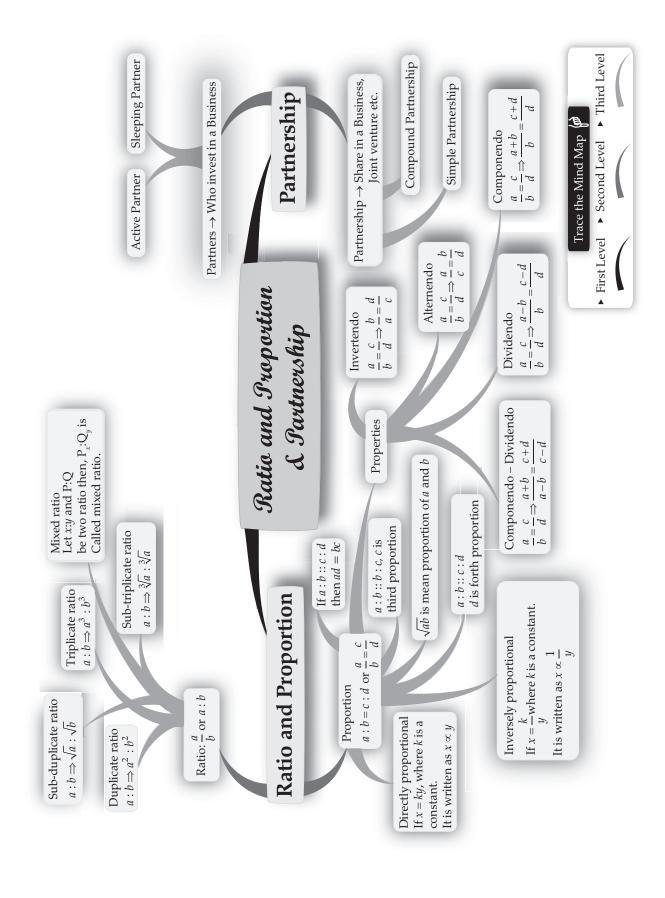
 $100-\text{Loss} \times \text{S.P}$ 

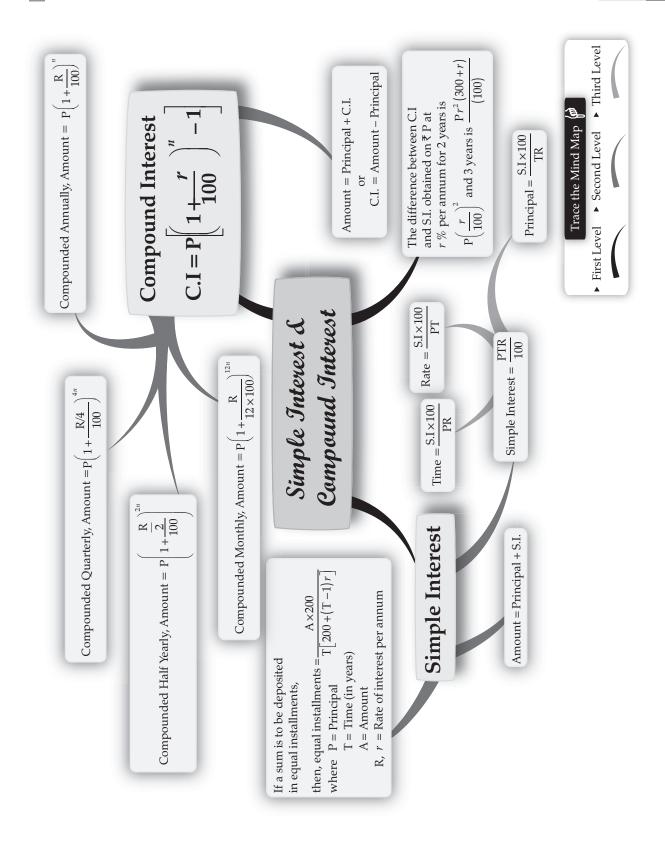
where x and y are two successive

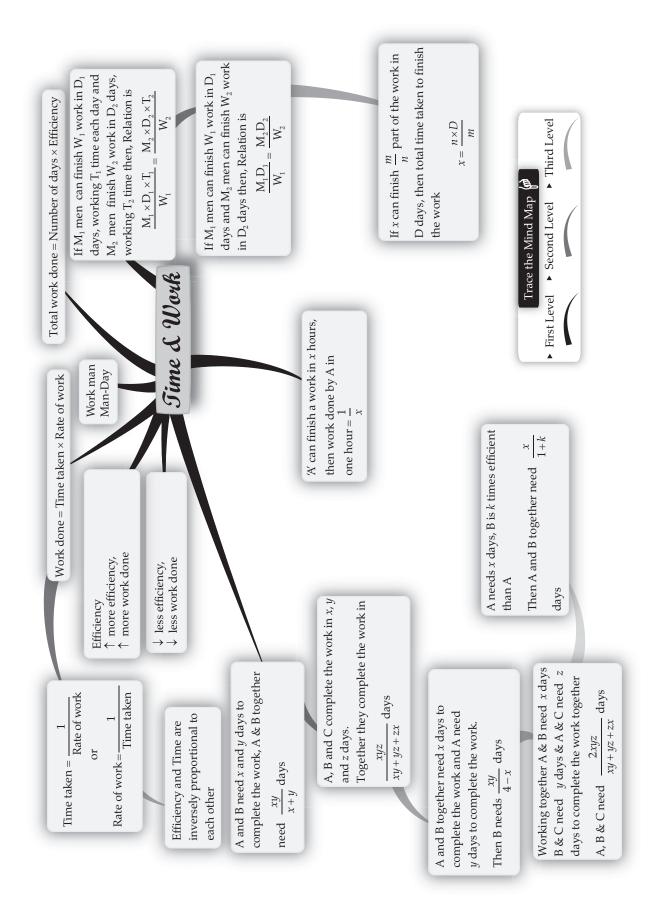
discounts.

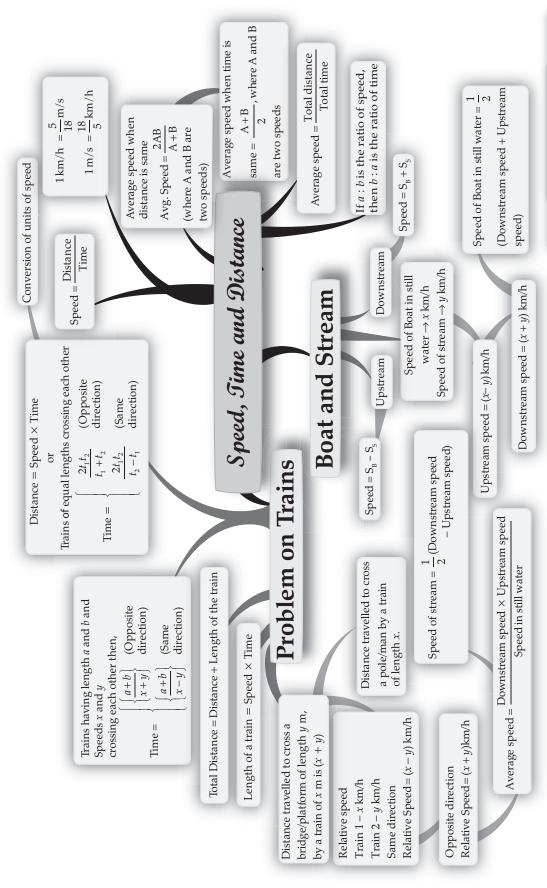
Single discount =  $\left(x + y - \frac{xy}{100}\right)\%$ 

► First Level ► Second Level ► Third Level Trace the Mind Map



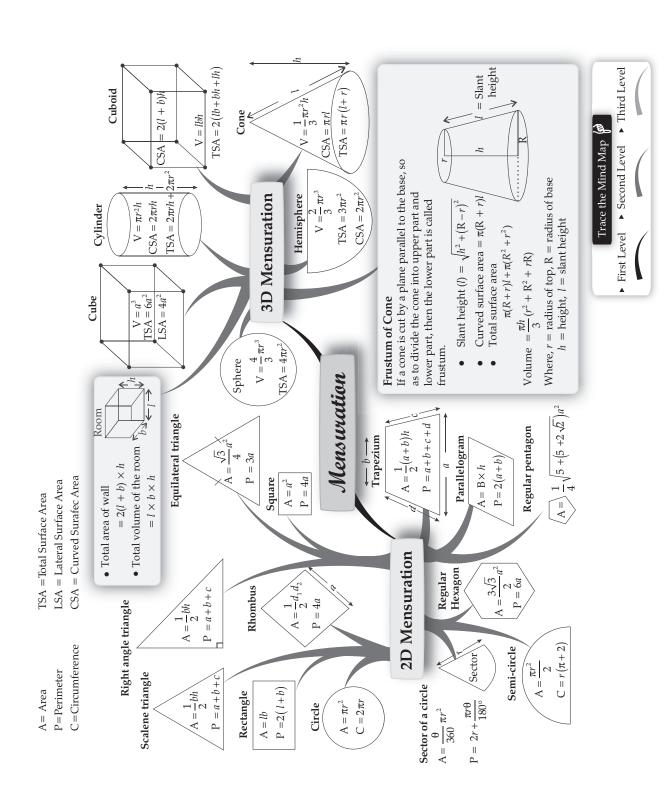






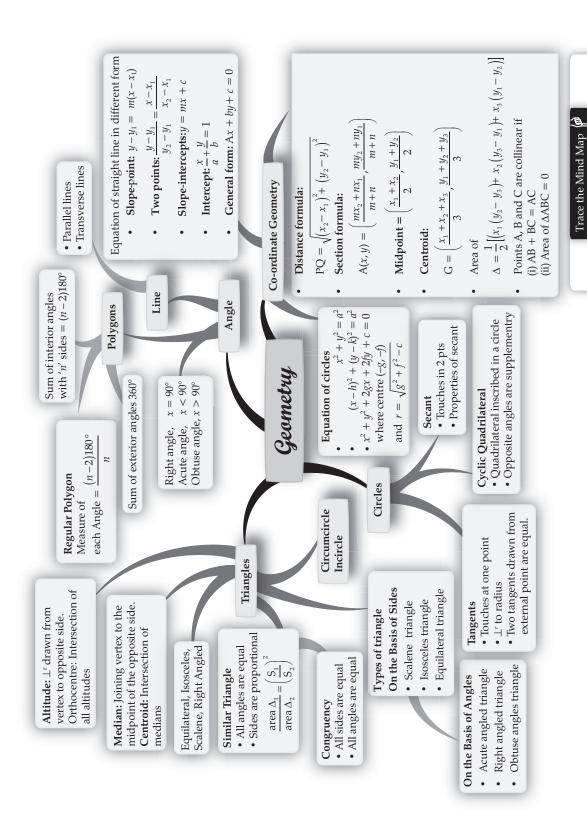
Trace the Mind Map (\*\*)

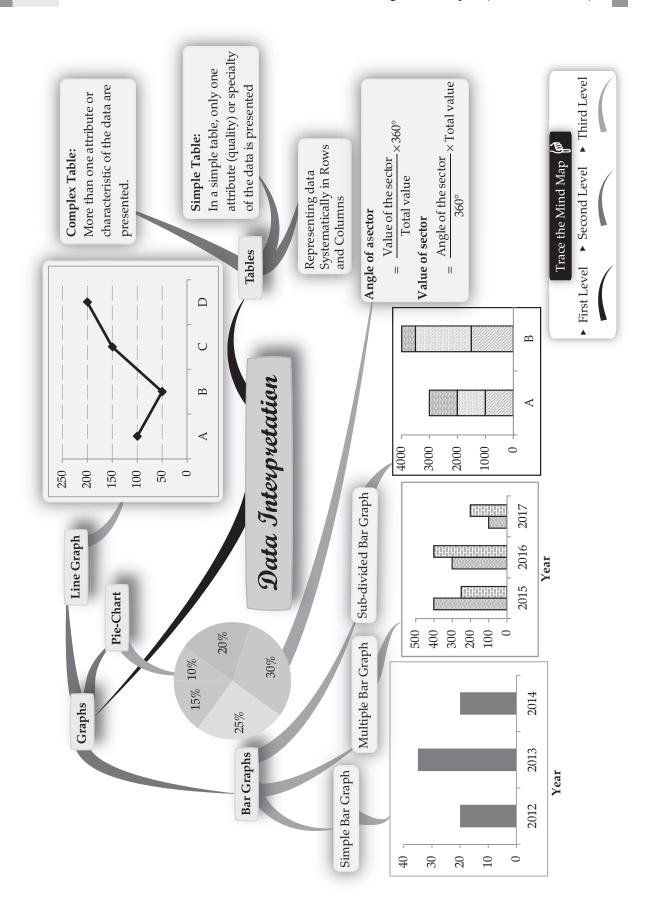
First Level \* Second Level \* Third Level



▼ Third Level

First Level > Second Level





#### **SECTION A: GENERAL KNOWLEDGE**

# Chapter 1

## **ABBREVIATIONS**

Now a days, the use of abbreviation is very much in vogue. A short word used in place of a long name is called Abbreviation. Generally, if the name of any government scheme or any institution is long, then it can be easily remembered through abbreviation. Here a list of abbreviations and full names of national and international ring names is being given.

#### Some Important Abbreviations (National)

Abbre- viations	Complete Name	
NRA	National Recruitment Agency	
RRTS	Delhi-Meerut Regional Rapid Transit System	
IRCTC	Indian Railway Catering and Tourism Corporation	
UPSC	Union Public Service Commission	
BPSC	Bihar Public Service Commission.	
NDC	National Development Council	
NITI Aayog	National Institution for Transforming India	
NeGP	The National e-Governance Plan	
BARC	Bhabha Atomic Research Centre	
AEC	Atomic Energy Commission	
CIA	Central Intelligence Agency	
BCCI	Board of Control for Cricket in India	
CSIR	Council of Scientific and Industrial Research	
ITBP	Indian-Tibetan Border Police	
BSF	Border Security Force	
RIMC	Rashtriya Indian Military College	
ACC	Army Cadet College	
IMA	Indian Military Academy	
NDA	National Defence Academy	
NOC	No objection certificate	
HAWS	High Altitude Warfare School	
OTA	Officers Training Academy	
ASPT	Army School of Physical Training	
AADC	Army Air Defence College	
INDU	Indian National Defence University	
NCRB	National Crime Records Bureau	
IDA	International Development Association	
EVD	Ebola Virus Disease	
CISF	Central Industrial Security Force	

NSG	National Security Guards	
NDC	National Defence College	
RAF	Rapid Action Force	
NCC	National Cadet Corps	
CRPF	Central Reserve Police Force	
TA	Territorial Army	

#### **Sports**

RGKR	The Rajiv Gandhi Khel Ratna Award
FIFA	International Federation of Association Football
HIL	Hockey India League
IABF	Indian Amateur Boxing Federation
IBA	International Badminton Federation
ICC	International Cricket Council
ODI	One Day International
TTF	Table Tennis Federation of India
PSD	Pro Sport Development

#### International

SAARC	South Asian Association for Regional Cooperation		
WWF	World Wildlife Fund		
ISO	International Organization for Standardization		
NATO	North Atlantic Treaty Organization		
OPEC	Organization of Petroleum Exporting Countries		
APEC	Asia Pacific Economic Cooperation		
ADB	Asian Development Bank		
ASEAN	Association of South- East Asian Nations		
CIS	Commonwealth of Independent States		
OECD	Organization for Economic Cooperation and Development		
UNODC	United Nations Office on Drugs and Crime		
UNESCO	United Nations Educational, Scientific and Cultural Organization		
WHO	World Health Organization		
IAEA	International Atomic Energy Agency		
IDA	International Development Association		
UNEP	United Nations Environmental Programme		

	T		
UNDP	United Nations Developmental Pro-		
	gramme		
	grannie		
WTO	World Trade Organization		
IOC	International Olympic Committee		
100	miemanonai Orympic Committee		
ITU	International Telecommunication Union		
ILO	International Labour Organization		
IMF	International Monetary		
LINHOEE	TT :: 131 :: T : :: 1 C1:11		
UNICEF	United Nations International Children's		
	Emergency Fund		

SCO	Shanghai Cooperation Organization
OCA	Olympic Council of Asia
FIH	International Hockey Federation
ASIO	Australian Security and Intelligence Organisation
MSS	Ministry of State Security
RAW	Research and Analysis Wing
FBI	Federal Bureau of Investigation
INCN	The International Union for Conservation of Nature

#### **EXERCISE**

- 1. SONAR stands for:
  - (a) Sound Navigation and Ranging
  - (b) Social Opinion for National and Regional
  - (c) South National Area for Research
  - (d) None of these
- **2.** Kerala stands out with consistently high HDI values over the years. HDI means :
  - (a) Human Development Intensity
  - (b) Human Development Interconnection
  - (c) Human Development Index
  - (d) Human Development Information
- 3. OPEC stands for:
  - (a) Organization of Petroleum Exporting Countries
  - (b) Olympic promotion and estimation council
  - (c) Open price for export commodities
  - (d) Organization of Powerful Exporter Countries
- **4.** The full form of FIFA is:
  - (a) Fund of International Football Association
  - (b) Federation of Indian Football Association
  - (c) Forum of Indian Football Association
  - (d) Federation of International Football Association
- 5. The common name of Interpol is ICPO, which stands for:
  - (a) Investigation of Criminal Police Organization
  - (b) International Crime Patrolling Organization
  - (c) Inspection of Crime Police Operation
  - (d) International Criminal Police Organization
- 6. WHO Stands for?
  - (a) World Health Organization
  - (b) World Heavy Operation
  - (c) World Health Operation
  - (d) World Health Office
- 7. RGKR is a sports award which stands for:
  - (a) Rajiv Gandhi Khel Ratna
  - (b) Rahul Gandhi Khel Ratna
  - (c) Rahul Gandhi Kabbadi Ratna
  - (d) Rajiv Gandhi Khemka Ratna
- **8.** The NITI Aayog serves as the apex public policy think tank of the Government of India. What is the full form of NITI Aayog.
  - (a) National Institution for Training in India
  - (b) National Institution for Transmission of India
  - (c) National Institution for Transmuting India
  - (d) National Institution for Transforming India

- 9. The abbreviation IRCTC stands for:
  - (a) Indian Railways Catering and Tourism Corporation
  - (b) Indian Railways Common and Ticket Commission
  - (c) Indian Railways Care and Travel Corporation
  - (d) Indian Royal Catering and Tourism Corporation
- **10.** The abbreviation UNEP stands for which international programme?
  - (a) The United Nations Economic Program
  - (b) The United Nations Empowerment Program
  - (c) The United Nations Ecological Program
  - (d) The United Nations Environment Program
- 11. MOAB is also known as mother of all Bombs. The full form of MOAB is:
  - (a) Massive Ordnance Air Bombs
  - (b) Maximum Ordnance Air Blast
  - (c) Massive Ordnance Air Base
  - (d) Massive Ordnance Air Blast
- 12. WBDD stands for:
  - (a) World Blood Donor Day
  - (b) West Bengal Development Day
  - (c) Western Banking Development Day
  - (d) World Bank Donation Day
- 13. CORAS stands for:
  - (a) Common officer for Railway Security
  - (b) Commando Operations in Railway Security
  - (c) Communication for Railway Security
  - (d) Commando for Railway Security
- **14.** "Samarth" (......) Scheme of Ministry of Textiles operational. Choose the correct alternative for Samarth.
  - (a) Scheme for Capability Building in Textile Sector
  - (b) Scheme for Competence Building in Textile Sector
  - (c) Scheme for Company Building in Textile Sector
  - (d) Scheme for Capacity Building in Textile Sector
- **15.** Which of the following is the right expansion of UDAN?
  - (a) Ude Desh ka Aam Nagrik
  - (b) Ude Desh ka Aam Nawyuwak
  - (c) Ude Desh ka Aam Naugjawan
  - (d) Ude Desh ka Aam Niwashi
- 16. Which of the following is the right expansion of NIN institute?
  - (a) National Institute of Nutrition
  - (b) National Institute of Nazism
  - (c) National Institute of Narcotics
  - (d) National Institute of Neutrons

ABBREVIATIONS 23

- 17. FSI stands for:
  - (a) Forest Survey of India
  - (b) Foreign Survey of India
  - (c) Fun Survey of India
  - (d) Football Survey of India
- 18. GDP stands for:
  - (a) Gross Domestic Product
  - (b) Gross Domestic Profit
  - (c) Gross Direct Production
  - (d) Gross Depreciation in production
- **19.** SAARC refers to which of the following international organization?

- (a) South Asian Association for Regional Cooperation
- **(b)** South African Association for Regional Cooperation
- (c) South Asian Accreditation for Regional Cooperation
- (d) South Indian Association for Regional Cooperation
- 20. NCC stands for:
  - (a) National Credit Corps
  - (b) National Cadet Corps
  - (c) National Care Corps
  - (d) National Command Corps

Answer Key									
1. (a)	2. (c)	3. (a)	4. (d)	5. (d)	<b>6.</b> (a)	7. (a)	8. (d)	9. (a)	<b>10.</b> (d)
<b>11.</b> (d)	<b>12.</b> (a)	<b>13.</b> (d)	<b>14.</b> (a)	<b>15.</b> (a)	<b>16.</b> (a)	<b>17.</b> (a)	<b>18.</b> (a)	<b>19.</b> (a)	<b>20.</b> (b)

#### **Answers with Explanations**

#### 1. Option (a) is correct.

*Explanation*: SONAR stands for sound navigation and ranging. It is used to measure the depth of the sea, to locate energy submarines and shipwrecks.

#### 2. Option (c) is correct.

*Explanation*: The Human Development Index (HDI) is a statistical composite index of life expectancy, education and per capita income indicators

#### 3. Option (a) is correct.

*Explanation*: OPEC stands for Organization of Petroleum Exporting Countries which established in 1960 to set world prices by controlling oil production and also pursues member interest in trade and development.

#### 4. Option (d) is correct.

*Explanation*: FIFA stands for Federation of International Football Association. The Football World Cup is organized by FIFA. The first Football World Cup was organized in Uruguay in 1930.

#### 5. Option (d) is correct.

**Explanation:** The International Criminal Police Organization (ICPO), commonly referred to as Interpol is an intergovernmental organization that

promotes international police cooperation. It was founded in 1923 as the International Criminal Police Commission (ICPC), and in 1956 it was given a common name for its telegraphic address. The head-quarters are located at 200, Quai Charles de Gaulle, Lyon, in central France, in the Rhone-Alpes region. Located between Paris and Marseille.

#### 6. Option (a) is correct.

*Explanation*: The World Health Organization (WHO) is the United Nations (UN) specialized agency for international public health. Founded on April 7, 1948, and headquartered in Geneva, Switzerland, is a member of the United Nations Development Group. Its predecessor, the Health Organization, was a League of Nations organization.

#### 7. Option (a) is correct.

*Explanation*: The Rajiv Gandhi Khel Ratna (RGKR) is the highest sporting honour which is officially

known as Rajiv Gandhi Khel Ratna Award in Sports and Games.

#### 8. Option (d) is correct.

*Explanation*: NITI Aayog or National Institution for Transforming India Aayog is a policy think-tank of Union Government of India that replaces Planning Commission of India and aims to involve the states in economic policy-making in India. It will be providing strategic and technical advice to the Central and the State Governments.

#### 9. Option (a) is correct.

**Explanation:** IRCTC stands for Indian Railways Catering and Tourism Corporation. It is an Indian Railway subsidiary established by the Ministry of Railways to manage Indian railway catering, online ticketing and tourism operations.

#### 10. Option (d) is correct.

*Explanation:* UNEP stands for The United Nations Environment Program. It is organized every year on 5<sup>th</sup> June. Under the leadership of the United Nations, the United Nations Environment Program is organized every year on 5<sup>th</sup> June, on the occasion of World Environment Day since 1973. World Environment Day is the largest global forum for environmental public outreach and is celebrated by millions of people around the world. Sweden is hosting this event in the year 2022.

#### 11. Option (d) is correct.

*Explanation*: MOAB stands for Massive Ordnance Air Blast. It is a large-yield bomb. It was developed by Albert L. Weimorts, Jr. of the Air Force Research Laboratory for the United States military. It was first tested in 2003. It was considered as the most powerful non-nuclear weapon

#### 12. Option (a) is correct.

*Explanation:* The WBDD stands for World Blood Donor Day. It is held every year on June 14<sup>th</sup>. It was celebrated for the first time in 2005. It is one of the 11 official global public health campaigns recognised by the World Health Organization (WHO).

#### 13. Option (d) is correct.

*Explanation*: The CORAS stands for Commando for Railway Security. It is a separate Commando Unit of Railway Protection Force (RPF). It has been carved out from motivated and willing young staff of Railway Protection Force (RPF) and Railway Protection Special Force (RPSF)

#### 14. Option (a) is correct.

*Explanation:* SAMARTH is a flagship skill development scheme aimed at skilling the youth for employment in the textile sector which was an initiative of the Ministry of Textile. The correct alternative for SAMARTH is Scheme for Capacity Building in Textile Sector.

#### 15. Option (a) is correct.

*Explanation*: The full form of UDAN is 'Ude Desh ka Aam Nagarik'. Regional Connectivity Scheme of Ministry of Civil Aviation Scheme (UDAN) was initiated in 2016. Its goal is to make air travel affordable and improve economic development in India. It is an innovative scheme to develop the regional aviation market.

#### 16. Option (a) is correct.

*Explanation*: National Institute of Nutrition is also abbreviated as NIN. It is an Indian Public Health, Nutrition, and Translational study center. The location of NIN is Hyderabad. Beneath the Indian Coun-

cil of Medical Research, it is one of the investigation centers in India.

#### 17. Option (a) is correct.

*Explanation*: FSI stands for Forest Survey of India. It is a national organisation responsible for the assessment and monitoring of the forest resources of India regularly.

#### 18. Option (a) is correct.

*Explanation:* GDP stands for Gross Domestic Product. GDP is the total money value of all final goods and services produced within the geographical boundaries of the country during a given period of time.

#### 19. Option (a) is correct.

*Explanation:* The South Asian Association for Regional Cooperation (SAARC) is the regional intergovernmental organization and geopolitical union of states in South Asia. Its member states are Afghanistan, Bangladesh, Bhutan, India, Maldives, Nepal, Pakistan, and Sri Lanka.

#### 20. Option (b) is correct.

*Explanation*: NCC stands for National Cadet Corps, established in 1948. Its main objective is to stimulate interest among the youth in the defense of the country to build up reserve manpower to expand armed forces.

000

### SPORTS

#### Olympics

- Olympics games were started in 776 BC on Mount Olympia in the Honour of Greek God. "Zeus" The modern Olympic Games were started in Athens, the capital of Greece on 6<sup>th</sup> April 1896 with great efforts made by French nobleman, Baron Pierre de Coubertin.
- The Olympic Games are organized after every 4 years. The Olympic Flag is made up of white silk and contains five intertwined rings as the Olympic Emblem.
- The five interlaced rings are arranged in 3-2 pattern on a white background, with the blue ring to the extreme left, followed by yellow, black, green, and red, in the same order. Blue for Europe, Black for Africa, Red for Americas (North and South America).
   Yellow for Asia and Green for Oceania (Australia and New Zealand).
- The official Olympic Motto is Citius, Altius, Fortius, a Latin phrase meaning Faster, Higher, Stronger. 2024, Summer Olympics will be held in Paris, France.

#### **Commonwealth Games**

- The first Commonwealth Games were held in 1930 in Hamilton, Canada.
- Since 1930, the games have been conducted every 4 years except for 1942 and 1946 due to World War II.
- The Commonwealth Games Federation (CGF) is the organization that is responsible for the direction and control of the commonwealth Games.
- There are currently 53 members in the Commonwealth of Nations.
- The 2018 Commonwealth Games (21st) were held in Gold Coast, Queensland, Australia. Most gold medals were won by Australia. 2022 Commonwealth Games will be held in Birmingham, England.

#### The Asian Games

- The Asian Games, also called the Asiad, are a multisport event held every 4 years among athletes from all over Asia.
- The games are regulated by the Olympic Council of Asia (OCA), under the organization of the International Olympic.
- Committee (IOC). The first Asian Games were held in 1991 in New Delhi, India. 18<sup>th</sup> Asian Games of 2018 was held in Jakarta (Indonesia) in which India finished at eighth position. The next game is scheduled to be held in Hangzhou, China in 2022.

#### Cricket World Cup

• The first Cricket World Cup was organized in England in June 1975.

#### List of Cricket World Cup

1975	England	West Indies beat Australia
1979	England	West Indies beat England

1983	England	India beat West Indies
1987	India	Australia beat England
1992	Australia	Pakistan beat England
1996	Pakistan	Sri Lanka beat Australia
1999	England	Australia beat Pakistan
2003	South Africa	Australia beat India
2007	West Indies	Australia beat Sri Lanka
2011	India	India beat Sri Lanka
2015	Australia and New Zealand	Australia beat New Zealand
2019	England	England beat New Zealand
2023	India	Australia beat New Zealand

#### T-20 Cricket World Cup

2007	South Africa	India beat Pakistan
2009	England	Pakistan beat Sri Lanka
2010	West Indies	England beat Australia
2012	Sri Lanka	West Indies beat Sri Lanka
2014	Bangladesh	Sri Lanka beat India
2016	India	West Indies beat England
2021	India	Australia beats New Zealand

 Australia won the final match against New Zealand by 8 wickets and became ICC Men's T20 World Cup 2021 Winner. This is the first time when the Australian cricket team won the T20 World Cup.

#### IPL (Indian Premier League)

 It was initiated by the Board of Control for Cricket in India (BCCI). It's Headquarter is in Mumbai. The first IPL tournament was started in 2008. Seventh IPL Tournament held in Bangalore, Kolkata Knight Riders defeated King XI Punjab.

#### Football World Cup

- The Football World Cup is organized by FIFA (Federation of International Football Association).
- The headquarters of FIFA is located in Zurich, Switzerland.
- The World Cup is called 'Jules Rimet Cup' named after the name of FIFA President Jules Rimet.
- The first Football World Cup was organized in Uruguay in 1930.
- In 1912 and 1946, the Football World Cup was not played because of the World War II.

#### Hockey World Cup

 The Hockey World Cup is organized by the International Hockey Federation (FIH) once in four years. The headquarters of FIH is located in Lausanne, Switzerland.

- The first Hockey World Cup was organized in Barcelona (Spain) was 1971 and the winner was Pakistan.
- Women's Hockey World Cup is being held since 1974.
- The 13<sup>th</sup> Women's Hockey World Cup in 2014, was held in The Hague, Netherlands. The Netherlands won the tournament for a record seventh time after defeating Australia. The 14<sup>th</sup> Women's Hockey World Cup of 2018, was held in London, England.
- The 14<sup>th</sup> Men's Hockey World Cup 2018, was held at Kalinga stadium in Bhubaneswar, India. Belgium became champion defeating Netherland.
- The 15<sup>th</sup> Men's Hockey World Cup 2023, will be held at the Kalinga Stadium in Bhubaneswar and in Rourkela, Odisha

#### **National Sports of Some Countries**

Country	National Sport
Australia	Cricket
Canada	Lacrosse (Ice Hockey)
China	Table Tennis
England	Cricket
India	Hockey
Japan	Sumo
Malaysia	Badminton
Scotland	Rugby/Football
Spain	Bull Fighting
USA	Baseball

#### Nickname of Players

Player	Nickname
Major Dhyanchand	Hockey ka Jadugar
Milkha Singh	Flying Sikh
PT Usha	Payyoli Express
PT Usha	Golden Girl
Shoaib Aktar	Rawalpindi Express
Rahul Dravid	The Wall
Harbhajan ingh	Bhaji, The Turbanator

Javagal Srinath	Mysore Express
Paes and Bhupati	Indian Express

#### **Important Sports Terms**

Sport	Terms				
Basketball	Dunk, Front count, Lay-up, Held ball, Pivot, Rebound, Steal				
Cricket	Bye, Draw, Googly, Topspin, Over- throw, Duck, Hitwicket, Cut, Pull, FullToss				
Football	Bend dribble, Dissent, Dummy, Feint, Freekick, Header, Red card, Throwins				
Hockey	Bully, Striking, Circle, Post back				
Chess	Castle, Diagonals, Files, Pawns, Pieces, Promote, Gambit, Pawn				
Boxing	Jab, laying on Knock, Second out rabbit punch, Uppercut				
Badminton	Lab, Let, Drive, Drop, Love				
Polo	Chukker, Bunker				
Baseball	Diamond, Homerun, Putout, Strike, Anti-rubber				
Rifle Shooting	Target, Muzzle full, Bullseye				
Wrestling	Hold Sager, Rebuts, Hal, Nelson, Free Style				
Golf	Fore some, Stymie, T, put a hole, Caddy Niblick, Iron, The green, Bunker				
Billiards	Jigger, Pot, Breast pot, Inoff, Cans Bolting, Long, Hazard, Cue				
Swimming	Breast Stroke, Twist, Butterfly, Crawl Springboard				
Volley Ball	Antennae, Attackhit, Libero, Service Setup, Blocking, Dribbling				
Lawn Tennis	Advantage, Ace, Dence, Volley, Food Fault, Smash, Grand-Slam, Slice, Love				
Table Tennis	End line, Flat hit, Foil, Service, Phn- holder grip, Reverse, Top-spin, Coun- ter-hitting, Let				

#### **EXERCISE**

- 1. Which of the following cities won the hosting rights of the 2030 Asian Games in December 2020?
  - (a) Jakarta
- (b) Doha
- (c) Seoul
- (d) Shanghai
- **2.** The Special Olympics World Games 2019 was inaugurated at .
  - (a) Austria
- (b) Germany
- (c) Sweden
- (d) Abu Dhabi
- 3. The 5th Khelo India Youth Games 2023 is hosted by which Indian state?
  - (a) Haryana
- (b) Maharashtra
- (c) Madhya Pradesh
- (d) West Bengal

- **4.** With which of the following sports is the term 'Chinaman' associated?
  - (a) Cricket
- (b) Polo
- (c) Table tennis
- (d) Swimming
- 5. Which one of the following was the official mascot of Khelo India Youth Games, 2020?
  - (a) Vijaya
- (b) Yaya
- (c) Rongmon
- (d) Ammu
- **6.** Which country has replaced Maldives to host the 2023 Indian Ocean Island Games?
  - (a) Madagascar
- (b) Sri Lanka
- (c) India
- (d) Mauritius

- 7. Dingko Singh, an Asian Games gold medallist, who died recently, was associated with which one of the following games?
  - (a) Swimming
- (b) Boxing
- (c) Archery
- (d) Gymnastics
- Ryder Cup is related with which sports?
  - (a) Golf
- (b) Football
- (c) Badminton
- (d) Cricket
- Koneru Humpy excels in which one of the following sports?
  - (a) Boxing
- (b) Table Tennis
- (c) Chess
- (d) Billiards
- 10. The Headquarters of the proposed National Sports University (As per the National Sports University Ordinance, 2018) will be set up in:
  - (a) Chhattisgarh
- (b) Manipur
- (c) Kerala
- (d) West Bengal
- 11. Which of the following is **not** correct regarding the 2014 FIFA Football World Cup?

- (a) 'We Are One' is the official song.
- (b) 'Dar um Jeito (We Will Find A Way)' is the official anthem.
- (c) Brazil is the first country to host a World Cup for the second time.
- (d) For the first time two consecutive World Cups are not hosted in Europe.
- 12. Manipur clinched the 20th Senior National Women's Football Championships title 2014 by defeating:
  - (a) Assam
- (b) Odisha
- (c) West Bengal
- (d) Kerala
- 13. Olympics games were started in:
  - **(b)** 576 BC
  - (a) 676 BC (c) 776 BC
- (d) 876 BC
- 14. In which year, the first Games were held on Canada? **(a)** 1930 **(b)** 1940 **(c)** 1950 **15.** 18<sup>th</sup> Asian Games of 2018 was held in:
- (b) China
- (d) 1960

- (a) India
- (c) UAE
- (d) Indonesia

Answer Key									
<b>1.</b> (b)	<b>2.</b> (b)	<b>3.</b> (c)	<b>4.</b> (a)	5. (a)	<b>6.</b> (a)	7. (b)	8. (a)	<b>9.</b> (c)	<b>10.</b> (b)
<b>11.</b> (c)	<b>12.</b> (b)	<b>13.</b> (c)	<b>14.</b> (a)	<b>15.</b> (d)					

#### **Answers with Explanations**

#### 1. Option (b) is correct.

Explanation: Doha won the hosting rights of the 2030 Asian Games in December 2022. The 2030 games will be the 21st edition of Asian games and these will be the second Asian games to be held in Qatar.

#### Option (b) is correct.

Explanation: Maldivian diplomat Fathimath Dhiyana Saeed served as secretary general of the South Asian Association for Regional Cooperation (SAARC). Since the company's founding in 1985, she was the organisation's first female to hold this position. She took up her position in Kathmandu on March 1, 2011, after being nominated Secretary-General during the SAARC Council of Ministers'Thirty-third Session in February 2011. She took over for Sheel Kant Sharma of India, whose term had ended in February.

#### 3. Option (c) is correct.

Explanation: Madhya Pradesh hosted the 5th Khelo India Youth Games 2023 from 30<sup>th</sup> January to 11th February 2023. The mascot of this year was Asha (female cheetah) and Mowgli. Maharashtra topped the championship with a total of 161 medals. Haryana and Madhya Pradesh were ranked second and third respectively.

#### Option (a) is correct.

Explanation: Chinaman is regarded as a left-arm bowler's legspin delivery. A Chinaman deliery, also known as left-arm unorthodox spin, typically spins sharply because of the spin created by the wrist.

#### Option (a) is correct.

#### Explanation:

Khelo India Youth Games

- It was earlier known as Khelo India School Games.
- It was inaugurated by Prime Minister, Narendra Modi on 31 January 2018.

- The third Khelo India Youth Games was held in Guwahati, Assam in 2020.
- Vijaya the Tiger and Jaya the Blackbuck were the mascots for Khelo India Youth Games, 2020.

#### 6. Option (a) is correct.

### Explanation:

- Madagascar will host the 11th edition of the Indian Ocean Islands Games in 2023 after replacing Maldives due to the concerns over the ongoing pandemic
- It was been announced by the president of International Games Council, Sevchellois Antonio Gopal.
- The Indian Ocean Island Games is a multi-sport event held every four years among athletes from Indian Ocean Island nations, namely Mauritius, Seychelles, Comoros, Madagascar, Mayotte, Reunion and the Maldives.

#### 7. Option (b) is correct.

#### Explanation:

- Ngangom Dingko Singh was an Indian Boxer from Manipur.
- He had won the gold medal at 1998 Asian Games held in Bangkok.
- He was awarded the Padma Shri in 2013 by Government of India.
- He died after a long battle with liver cancer.

#### Option (a) is correct.

Explanation: The Ryder Cup is an every two-year golf competition between European and American teams. Co-hosted by the PGA of America and the PGA European Tour, the competition is held every two years and alternates between venues in the US and Europe. The Ryder Cup named after the English entrepreneur Samuel Ryder who originally donated the trophy.

#### 9. Option (c) is correct.

#### Explanation:

- Koneru Humpy is an Indian chess player.
- In 2002, she became the youngest woman ever to achieve the title of Grandmaster at the age of 15 years, 1 month, 27 days after beating Judit Polgár's previous record by three months.

#### 10. Option (b) is correct.

#### Explanation:

#### The National Sports University Act, 2018

- It is an Act to establish and incorporate a National Sports University in Manipur.
- The University will be the first of its kind to promote sports education in the areas of sports sciences, sports technology, sports management and sports coaching.
- It will also function as the national training centre for select sports disciplines by adopting best international practices.

#### 11. Option (c) is correct.

#### Explanation:

The 2014 FIFA World Cup was the 20th FIFA World Cup.

- It took place in Brazil from 12 June to 13 July 2014.
- The official song of the tournament was "We Are One (Ole Ola)".
- "Dar um Jeito (We Will Find a Way)" was the official anthem.

- The 1930 FIFA World Cup was the inaugural FIFA World Cup which was held in Uruguay from 13 to 30 July 1930.
- Brazil, France, Italy, Germany, and Mexico have each hosted twice.

#### 12. Option (b) is correct.

*Explanation:* Manipur clinched the 20<sup>th</sup> Senior National Women's Football Championships title 2014 by defeating Odisha at the Golaghat Stadium. It was 17th crown overall for Manipur.

#### 13. Option (c) is correct.

*Explanation:* Olympics games were started in 776 BC on Mount Olympia in the Honour of Greek God. "Zeus" The modern Olympic Games were started in Athens, the capital of Greece on 6<sup>th</sup> April 1896 with great efforts made by French nobleman, Baron Pierre deCoubertin.

#### 14. Option (a) is correct.

*Explanation:* The first Commonwealth Games were held in 1930 in Hamilton, Canada. Since 1930, the games have been conducted every 4 years except for 1942 and 1946 due to World War II.

#### 15. Option (d) is correct.

*Explanation:* 18<sup>th</sup> Asian Games of 2018 was held in Jakarta (Indonesia) in which India finished at eighth position. The next game is scheduled to be held in Hangzhou, China in 2022.

CCC

# AWARDS AND PRIZES

#### Top 10 National and International Awards

National Awards					
Bharat Ratna	Civilian Award				
Padma Vibhushan	Civilian Award				
Padma Bhushan	Civilian Award				
Padma Sri Award	Civilian Award				
Param Vir Chakra	Gallantry Award				
Ashoka Chakra	Military peacetime award				
Mahavir Chakra	Gallantry Award				
Vir Chakra	Gallantry award				
Kirti Chakra	Military peacetime award				
Rajiv Gandhi Khel Ratna Award	Sports Award				

International Awards						
Nobel Prize	Peace, Literature, Physics, Chemistry, Physiology & Economics					
Grammy Awards	music					
Pulitzer Prize	Journalism & literature					
Magsaysay Awards	public service & community leadership					
Right Livelihood Award	Alternative Nobel Prize'					

#### **Indian Nobel Laureates**

Oscar Awards	Film
UN Human Rights Award	Human rights.

#### **Awards and Honours**

#### **Nobel Prize**

- The Nobel Prizes are given under the will of Alfred Bernhard Nobel who died in 1896. He was a noted Swedish chemist and engineer who discovered Nitroglycerine and its use in the manufacture of dynamite.
- Nobel Prizes are given each year in the six fields. The Nobel Prizes for peace, physics, chemistry, medicine, and literature were started in 1901. The Nobel Prize for economics was started in 1968.

#### The prize-awarding bodies are:

- The Swedish Academy of Literature awards the Prize in Literature.
- The Royal Swedish Academy of Sciences awards the prize in Physics and Chemistry.
- The Bank of Sweden awards the Prize in Economics.
- The Nobel Assembly of Karolinska Chirugical (Sweden) awards the prize in Medicine (Physiology).
- The Committee of the Norwegian Parliament awards the prize for Peace.

Name	Field	Year
Rabindranath Tagore	Literature (Gitanjali)	1913
CV Raman	Physics (Raman Effect)	1930
Har Gobind Khorana (of Indian Descent)	Medicine (Genetic Code)	1968
Mother Teresa	Peace	1979
Subrahmanyan Chandrashekhar (of Indian Descent)	Physics (Chandrashekhar's Limit)	1983
Amartya Sen	Economics (Welfare Economics)	1998
Sir VS Naipaul (of Indian Descent)	Literature	2001
Venkatraman Ramakrishna (of Indian Descent)	Chemistry (Ribosomes)	2009
Kailash Satyarthi	Peace (Struggle against Child Labour)	2014
Abhijit Banerjee (of Indian Descent)	Economics (Welfare Economics)	2019

#### Oscar Awards or Academy Awards

Awarded for	Excellence in cinematic achievements
Presented by	Academy of Motion Picture Arts and Sciences
Country	United States
First awarded	16 <sup>th</sup> May 1929

The Oscar Statuette is officially named "The Academy Award of Merit". The prominent Indian film nominated for Oscar are:

Mother India (1957), Salam Bombay (1988), Lagaan (2001).

#### Ramon Magsaysay Award

This award is given for outstanding contributions in

six categories - Government Service, Public Service and other Fields. It is presented by Raman Magsaysay Award Foundation.

#### NATIONAL AWARDS

#### **Bharat Ratna**

- Bharat Ratna is India's highest Civilian Award. It was first awarded in 1954.
- The actual award is designed in the shape of a Peepal leaf with Bharat Ratna inscribed in the Devanagari script in the Sun Figure.
- The reverse side of the decoration Satyamev Jayate has been written in Hindi with an inscription of state emblem.
- The emblem, the Sun, and the rim are of platinum. The inscriptions are in burnished bronze.
- Indira Gandhi was the youngest person alive at the time of receiving the award and Rajiv Gandhi is the Youngest overall to receive the Bharat Ratna.
- DK Karve was the eldest person alive at the time of receiving the award and Vallabhbhai Patel is the eldest overall.

- First Naturalised Indian Citizen to be awarded Bharat Ratna is Mother Teresa (1980).
- Abdul Ghaffar Khan was the first foreigner to be Honoured with this award in 1987 and Later Nelson Mandela (1990).

Padma Awards: - There are three Padma awards given on republic day (26th January).

- ⊃ Padma Vibhushan :- This is the second-highest National Award. Instituted on 2nd January 1954 by the Government of India. It is awarded to recognize exceptional and distinguished service to the nation in any field.
- **⊃ Padma Bhushan** :- This is the third-highest National Award instituted on 2<sup>nd</sup> January 1954 by the Government of India. It is awarded to recognize distinguished service of a high order to the nation, in any field.
- Padma Shri :- This is the fourth highest National Award instituted on 2<sup>nd</sup> January 1954 by the Government of India. In 1960 Dr. MG Ramachandran refused to accept the award as the wordings of the award are in Hindi.

#### **Peacetime Gallantry Awards**

Award	Year in Institution	Awarded by	Awarded For
Ashoka Chakra	4 <sup>th</sup> January 1952 with effect from 15 <sup>th</sup> August 1947	Government of India	Most conspicuous bravery or some act of daring or pre-eminent act of valor or self-sacrifice otherwise than in the face of the enemy.
Kirti Chakra	4 <sup>th</sup> January 1952 with effect from 15 <sup>th</sup> August 1947	Government of India	Conspicuous gallantry otherwise than in the face of the enemy.
Shaurya Chakra	4 <sup>th</sup> January 1952 with effect from 15 <sup>th</sup> August 1947	Government of India	National bravery generally for counter Insurgence, operations, and action against the enemy during peacetime.

#### **EXERCISE**

- 1. Who among the following is a Padma Vibhushan awardee of 2021?
  - (a) Tarlochan Singh
- **(b)** Sumitra Mahajan
- (c) Sudarshan Sahoo
- (d) Mouma Das
- 2. The major component of modern Olympic gold medals is
  - (b) Copper (c) Bronze (d) Gold (a) Silver
- 3. Who has recently been awarded with Nobel Prize for peace in 2016?
  - (a) Juan Manuel Santos
- **(b)** Henry Dunant
- (c) Kailash Satyarthi
- (d) Malala Yousefzai
- 4. Who among the following is the winner of the French Open 2021 Men's Singles Final?
  - (a) Novak Djokovic
- (b) Rafael Nadal
- (c) Stefanos Tsitsipas
- (d) Daniil Medvedev
- 5. Who among the following shared the Nobel Prize in 1962 along with Francis Crick and James Watson for their discoveries concerning the molecular structure of nucleic acids?
  - (a) Erwin Chargaff
  - (b) Maurice Hugh Frederick Wilkins
  - (c) Rosalind Franklin
  - (d) Phoebus Levene

- 6. Consider the following statements about 'Param Vir Chakra':
  - (1) It is the highest peacetime gallantry award
  - (2) It is the replacement of British Victoria Cross.
  - (3) It can be awarded to civilians.

Which of the statements given above is/are correct?

- (a) 1 only
- **(b)** 2 only (d) 1, 2 and 3
- (c) 2 and 3 only
- 7. Along with Pranab Mukherjee, how many more persons were conferred the Bharat Ratna Award in the year 2019?
  - (a) One **(b)** Two
- (c) Three
- Which one of the following films was adjudged as the Best Feature Film in the 66<sup>th</sup> National Film Awards?
  - (a) Bulbul Can Sing
- (b) Hellaro (d) Uri
- (c) Badhaai Ho
- 9. Which one among the following films was conferred the 'Golden Peacock' award in the 45th International Film Festival of India (2014)?
  - (a) Ek Hazarachi Note
- (b) A Short Story
- (c) Leviathan
- (d) Ajeyo
- 10. Which one of the following statements is not correct in respect of the 'Legion of Merit' award?

- (a) This award is conferred by the President of the United States of America.
- **(b)** This award was conferred to the Prime Minister of India in December, 2020.
- (c) This was also awarded to the Prime Minister of Australia, Scott Morrison.
- (d) It is the highest civilian award of the United States of America.
- **11.** Who among the following is the first Indian to win Pulitzer Prize?
  - (a) Arunadhati Roy
- (b) Gobind Behari Lal
- (c) Vijay Seshadri
- (d) Jhumpa Lahiri
- 12. Which of the following statements is/are correct?
  - Professor Kamal Bawa was conferred with the Midori Prize (2014) for biodiversity for his research on climate change in the Himalayas.
  - Midori Prize is an annual international prize given to an individual for outstanding contribution to the conservation and sustainable use of biodiversity at global, regional or local levels.

Select the correct answer using the code given below:

(a) 1 only

**(b)** 2 only

(c) Both 1 and 2

- (d) Neither 1 nor 2
- **13.** Carefully read the following passage and identify the person referred to in that:

Her best known works are 'the Golden Notebook', 'Memoirs of a Survivor' and 'the Summer Before the Dark'. She was the oldest recipient of the Nobel Prize in Literature.

- (a) Alice Munro
- **(b)** Doris Lessing
- (c) Herta Muller
- (d) Elfriede Jelinek
- **14.** Consider the following statements about Indira Gandhi Prize for Peace, Disarmament and Development:
  - **1.** Angela Merkel, Chancellor of Germany, was selected for the Prize for the year 2013.

The award is accorded annually to individuals only.

Which of the statements given above is/are correct?

- (a) 1 only
- **(b)** 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2
- **15.** Which one of the following States will host the Nobel Prize Series—India 2018 (Science Impacts Life) Exhibition?
  - (a) Gujarat
- (b) Rajasthan
- (c) Goa
- (d) Madhya Pradesh
- **16.** Amartya Sen was awarded the Nobel Prize for his contribution to:
  - (a) Monetary Economics
  - (b) Welfare Economics
  - (c) Environmental Economics
  - (d) Development Economics
- **17.** Which one of the following is a Peacetime Gallantry Award?
  - (a) Shaurya Chakra
- (b) Vir Chakra
- (c) Yudh Seva Medal
- (d) Param Vir Chakra
- **18.** Which one of the following temples of India has won the 'UNESCO Asia Pacific Award of Merit, 2017' for cultural heritage conservation?
  - (a) Kamakhya Temple, Guwahati
  - (b) Sri Ranganathaswami Temple, Srirangam
  - (c) Meenakshi Temple, Madurai
  - (d) Kedarnath Temple, Kedarnath
- **19.** E. K. Janaki Ammal National Award on Taxonomy is administered by the:
  - (a) Ministry of Agriculture and Farmers Welfare
  - (b) Ministry of New and Renewable Energy
  - (c) Ministry of Health and Family Welfare
  - (d) Ministry of Environment, Forest and Climate Change
- **20.** "The Sasakawa Award" of United Nations is given in recognition of the work done in the field of:
  - (a) Disaster Reduction
- (b) Peace Keeping
- (c) Health Services
- (d) Poverty Alleviation

Answer Key									
<b>1.</b> (c)	<b>2.</b> (a)	<b>3.</b> (a)	<b>4.</b> (a)	<b>5.</b> (b)	<b>6.</b> (b)	7. (b)	8. (b)	<b>9.</b> (c)	<b>10.</b> (d)
<b>11.</b> (b)	<b>12.</b> (a)	<b>13.</b> (b)	<b>14.</b> (a)	<b>15.</b> (c)	<b>16.</b> (b)	<b>17.</b> (a)	<b>18.</b> (b)	<b>19.</b> (d)	<b>20.</b> (a)

#### **Answers with Explanations**

#### 1. Option (c) is correct.

Explanation: Sudarshan Sahoo is an Indian sculptor from Puri in the state of Odisha. In 2021, he was awarded the Padma Vibhushan. Sudarshan Sahoo created the Puri Crafts Museum. It was founded in 1977. In 1981, he received the National Award for stone carving. In 1988, he was awarded the Padma Shri. In 2003, he received the Shilp Guru Award. Tarlochan Singh is a politician from India who was awarded the Padma Bhushan in 2021.

#### 2. Option (a) is correct.

Explanation: Silver is a major component of modern Olympic gold medals. Gold medals are awarded for first place in the Olympics, silver for second place, and bronze for third place. However, these medals are not made of the mineral after which they are

named. Silver is used to make both gold and silver medals. The gold medals are then gold-plated. Medal Composition for the Tokyo 2020 Olympics: - Gold Medal: It has over 6 gram of gold plating on pure silver. Silver: It is made entirely of silver. Bronze is made of red brass (95% copper, 5% zinc).

#### 3. Option (a) is correct.

*Explanation*: The Nobel Peace Prize 2016 was awarded to Juan Manuel Santos "for his resolute efforts to bring the country's more than 50-year-long civil war to an end"

4. Option (a) is correct.

Explanation:

#### 2021 French Open

 Novak Djokovic defeated Stefanos Tsitsipas in the final to win the men's singles tennis title at the 2021 French Open. It was his second French Open title.

#### 5. Option (b) is correct.

*Explanation:* Francis crick and James watson along with maurice Hugh Fredrick william shared and received noble prize for their discovery of molecular structure of DNA by giving the famous double helical model of DNA.

#### 6. Option (b) is correct.

#### Explanation:

- The Param Vir Chakra (PVC) is India's highest military decoration which was awarded for displaying distinguished acts of valour during wartime.
- It is the highest gallantry award for officers and other enlisted personnel of all military branches of India. Civilians are not eligible for this honour. The Victoria Cross (VC) which was the highest award for gallantry in the British Empire was extended to Indians in 1911.
- The British honours and awards system in India informally came to an end after independence.
- Param Vir Chakra is equivalent to the Victoria Cross which is given in the United Kingdom and the Medal of honour in the United States.
- Similarly, The Param Vir Chakra is the equivalent award of the Medal of Honour in the United States and the Victoria Cross the highest award for gallantry in the British empire which was extended to Indians in 1911.
- Further Param Vir Chakra replaced the British Victoria Award.

#### 7. Option (b) is correct.

#### Explanation:

**Bharat Ratna 2019 Award Winners :** Pranab Mukherjee, Bhupen Hazarika, Nanaji Deshmukh.

- The Bharat Ratna is the highest civilian award of the Country which was Instituted on 2 January, 1954.
- The award is conferred in recognition of exceptional service/performance of the highest order without distinction of race, occupation, position or sex.
- The award was originally given to the achievements in the field of arts, literature, science and public services but the government expanded the criteria to include.
- In December 2011, the government expanded the criteria with the inclusion of any field of human endeavour.
- The recommendations for the Bharat Ratna are made by the real government of the country *i.e.*, Prime Minister to the President.
- In a year, maximum of three nominees being awarded.
- The recipients receive a Sanad (certificate) signed by the President and a peepal leaf-shaped medallion.
- There is no monetary grant associated with the award.

#### 8. Option (b) is correct.

#### Explanation:

The 66<sup>th</sup> National Film Awards ceremony was the award ceremony which took place in 2019 to honour the best films of 2018, in the Indian cinema.

#### List of 66<sup>th</sup> National film awards 2019 Winners

- Best Film : Hellaro
- Best Hindi Film : Andhadhun
- Best Direction : Aditya Dhar (Uri)
- Best Actor : Ayushmann Khurrana, Vicky Kaushal
- Best Actress: Keerthy Suresh

#### 9. Option (c) is correct.

#### Explanation:

- The 45<sup>th</sup> International Film Festival of India was held on 20 to 30 November 2014 in Goa.
- Golden Peacock Award: "Leviathan" by "Andrey Zvyagintsev". It is a 2014 Russian.
- Silver Peacock Award: "Ek Hazarachi Note" by Shrihari Sathe.

#### 10. Option (d) is correct.

#### Explanation:

#### Legion of Merit

- It is a military award of the United States Armed Forces.
- It is also the first U.S. medal to be awarded to citizens of other countries.
- It is given for exceptional service, fidelity, and loyalty in combat or noncombat roles.
- Prime Minister Narendra Modi was awarded the 'Legion of Merit' by U.S. President Donald Trump in 2020 for his role in encouraging the India-U.S. relationship

#### 11. Option (b) is correct.

*Explanation:* Gobind Behari Lal was a journalist and independence activist. He participated in the Indian Indepedence Movement by joining the Ghadar Party. Later, he went to the United States on a scholarship to study. After that, he worked as a science editor for Hearst Newspapers. In 1937, he became the first Indian to win the Pulitzer Prize.

#### 12. Option (a) is correct.

*Explanation*: From the above, only Statement (1) is true regarding Professor Kamal Bawa. Kamal Bawa is an Indian scientist and ecologist. He was awarded the prestigious Midori Prize for his intellectual contribution to biodiversity. He has authored about 200 research articles and 10 books on biodiversity hotspot conservation and rural livelihoods.

#### 13. Option (b) is correct.

*Explanation:* The above paragraph is concerned with Doris Lessing. Doris May Lessing was a British novelist who was awarded Nobel Prize in Literature 2007. She received the prize at the age of 88 years 52 days, making her the oldest winner of the literature prize at the time of the award.

#### 14. Option (a) is correct.

Explanation: From the above options, only 1 statement is true regarding Indira Gandhi Prize. German chancellor Angela Merkel was selected for Indira Gandhi Prize for Peace, Disarmament and Development for 2013. The award was given to for

AWARDS AND PRIZES 33

her exemplary leadership in Europe and the world during the financial crisis and her stewardship of the economic growth in Germany. The Gandhi peace prize is awarded to groups, organizations, institutes, or individuals for their contribution to the society towards economic growth, social growth, and political transformation through non-violence and Gandhian methods. Thus, Second statement is not true.

#### 15. Option (c) is correct.

#### Explanation:

Goa hosted the Nobel Prize Series - India 2018 exhibition.

- The Nobel Prize Series is an exciting initiative which brings together nobel Laureates and eminent scientist to stimulate innovation and creative thinking amongst young student of science
- The Department of Biotechnology under Ministry of Science and Technology, Government of India, has collaborated, with Nobel Media AB, Sweden to hold the Nobel Prize series in India for five years.
- The very first edition of the Nobel Prize Series in India was held in partnership with government of Gujarat as a part of Vibrant Gujarat held in Gandhinagar from January 9-13-2017.
- The second edition of the Nobel Prize Series-India 2018 will be held at Panji, Goa in partnership with government of Goa on February 1-2-2018.

#### 16. Option (b) is correct.

*Explanation:* Amartya Sen was awarded the Nobel Prize for his contribution to welfare economics. He was awarded the 1998 Nobel Prize in Economic Sciences for his contributions to welfare economics and social choice theory and for his interest in the problems of the society's poorest members.

#### 17. Option (a) is correct.

#### Explanation:

Peacetime awards - Ashoka Chakra, Kirti Chakra, Shaurva Chakra.

- Ashoka Chakra: It is one of the highest peacetime military decorations awarded for valor, courageous action or sacrifice.
- Kirti Chakra: It is the second highest peacetime gallantry award and is awarded for valor, courageous action and for self-sacrifice away from the field of battle.
- **Shaurya Chakra:** It is awarded to the personnel of the armed forces for instances of extraordinary gallantry.

#### 18. Option (b) is correct.

Explanation: Sri Ranganathaswami Temple, Srirangam of India has won the 'UNESCO Asia Pacific Award of Merit, 2017' for culture heritage conversation. The main reason for the temple to win the UN award was use of traditional methods in renovating it's structure and reestablishment of rainwater harvesting and historic drainage system, and to augment water and prevent flooding. With this, it has become the first temple in Tamil Nadu to be given the prestigious award from the UN body. The temple has the unique distinction of being the foremost among the 108 Divya Desams dedicated to god Vishnu and is located on an island between the Kollidam and Kaveri rivers.

#### 19. Option (d) is correct.

Explanation: 'E.K. Janaki Ammal National Award on Taxonomy' is given in order to encourage work of excellence in taxonomy and also to encourage young students and scholars to work in the field of science. This award was named after the late Pro. E.K. Janaki Ammal. It was instituted in the year 1999. It carries a felicitation of 1, 00,000/- in cash along with a citation, a scroll and a medallion. The award is presented by the Ministry of Environment, Forest and Climate Change.

#### 20. Option (a) is correct.

#### Explanation:

The United Nations Sasakawa Award is the most prestigious international award in the area of Disaster Risk Management.

- It was instituted more than 30 years ago and is jointly organized by the UNDRR and the Nippon Foundation.
- An entire grant of USD 50,000 is distributed among the winners which may be either organizations or people
- The theme of the 2019 Sasakawa award was "Building Inclusive and Resilient Societies". UNDRR received over 61 nominations from 31 countries for the 2019 award.
- United Nations Office for Disaster Risk Reduction (UNDRR) conferred Sasakawa Award 2019 for Disaster Risk Reduction to Dr. Pramod Kumar Mishra, Additional Principal Secretary to Prime Minister of India. The winners were announced at an Awards ceremony in Geneva, Switzerland, during the Global Platform for Disaster Risk Reduction, convened by the UNDRR.