



Government of India

Ministry of Defence

# RECRUITMENT OF CIVILIAN PERSONNEL IN INDIAN NAVY-2025

RECRUITMENT OF TRADESMAN SKILLED IN INDIAN NAVY (FOR EX-NAVAL APPRENTICES ONLY)

NOTIFICATION 01/2025-TMSKL

1. Indian Navy invites applications from eligible ex-Naval Apprentices (ex-apprentices of Yard Apprentice Schools of Indian Navy) to apply online through <https://onlineregistrationportal.in> for the post of Tradesman Skilled classified as Group 'C', Non-Gazetted, Industrial. Selected candidates normally will be posted anywhere in India, at Naval units / formations as per administrative requirement. The vacancy details are as follows: -

## General Central Service, Group 'C', Non-Gazetted, Industrial Pay Scale- Level-2 (Rs. 19900-63200) in the Pay Matrix

Sl	Trades in Yards / Units	Trade In Apprentice Schools	SC	ST	OBC (NCL)	EWS	UR	TOTAL	PwBD	ESM	EX-Agniveer	Command/ HQ/ Unit wise vacancy details
1	Auxiliary	ICE Fitter Crane/ Crane Operator Overhead (Steel Industry)/ Mechanic Diesel/ Mechanic Motor Vehicle/ Mechanic Auto Electrical & Electronics	6	2	16	7	18	49	CAT (A) - 02	1	1	ENC-08 SNC-03 WNC-05 NDMBI-33
2	Civil Works	Mason/ Mason Building Constructor / Building Maintenance Technician	1	2	4	4	6	17	CAT (B) - 01	1	1	ENC-01 NDMBI-16
3	Electrical	Power Electrician/ Electrician/ Electroplater	19	11	43	18	81	172	CAT (B) - 03 CAT (C) - 02 CAT (D) - 02	18	18	ENC-46 SNC-09 WNC-08 NDMBI-109
4	Electronics & Gyro	Computer Fitter/ IT & ESM/ Electronics Mechanic/ I&CTSM/ COPA/Electronic Fitter/ Gyro Fitter/ Mechanic Radio Radar Aircraft/ Radar Fitter/ Radio Fitter/ Sonar Fitter/ Mechanic Industrial Electronics	6	4	8	12	20	50	CAT (A)-04 CAT (C)-01	3	3	ENC-07 NDMBI-43
5	Foundry	Pattern Maker/ Moulder/ Foundryman	1	0	1	0	7	9	-	0	0	ENC-05 NDMBI-04
6	Heat Engine	Mechanic Diesel / Mechanic Marine Diesel/ GT Fitter/ Marine Engine Fitter	15	10	27	17	52	121	CAT (A) - 02 CAT (C) - 02 CAT (D) - 01	12	12	ENC-53 SNC-02 WNC-09 NDMBI-57
7	Instrument	Instrument Mechanic/ Advance Mechanic (Instruments)/ Mechanic Mechatronics	2	0	1	0	6	9	-	0	0	ENC-04 WNC-01 NDMBI-04
8	Machine	Machinist/ Turner/ Operator Advance Machine Tool	9	6	10	5	26	56	CAT (A) - 01 CAT (C) - 01	6	6	ENC-27 SNC-01 WNC-06 NDMBI-22
9	Mechanical	Fitter/Marine Engine Fitter/ Weapon Fitter	21	10	36	17	60	144	CAT (A) - 02 CAT (B) - 02 CAT (C) - 02 CAT(D) - 02	13	13	ENC-72 SNC-01 WNC-04 NDMBI-67
10	Mechanical Systems	Pipe Fitter/ Plumber/ Boiler Maker/ Hot Insulator/ TIG & MIG Welder/ Welder (Pipe & Pressure Vessel)	9	3	23	9	35	79	CAT (B)-03 CAT (C) - 01 CAT (D)-01	7	7	ENC-46 SNC-01 NDMBI-32
11	Mechatronics	Mechanic Mechatronics/ Instrument Mechanic/ Advance Mechanic (Instruments)	3	2	4	2	12	23	-	2	2	ENC-12 NDMBI-11
12	Metal	Shipwright Steel/ Sheet Metal Worker/ Welder (Gas & Electric)/ Welder/ TIG & MIG Welder/ Welder (Pipe & Pressure Vessel)/ Forger and Heat Treater/ Blacksmith/ Ship Fitter/ Pipe Fitter/ Plumber/ Fitter	29	17	53	17	101	217	CAT (A) - 03 CAT (B) - 01 CAT (C) - 01 CAT(D) - 01	20	20	ENC-77 SNC-06 WNC-16 NDMBI-118
13	Millwright	Mechanic Machine Tool Maintenance/ Millwright MTM	4	2	6	3	13	28	CAT (C) - 01	3	3	ENC-02 NDMBI-26
14	Ref & AC	Mechanic Ref & AC/ Mechanic (Central AC Plant, Industrial Cooling & Package Air Conditioning)	2	1	4	1	9	17	CAT(C) - 01	0	0	ENC-06 SNC-01 WNC-02 NDMBI-08
15	Ship Building	Shipwright Wood/ Rigger/ Carpenter/ Painter(Gen)/ Painter/ Tailor (General)/ Tailor	31	16	38	22	119	226	CAT (A) - 03 CAT (C) - 03 CAT (D) - 02	21	21	ENC-61 SNC-27 WNC-38 NDMBI-100
16	Weapon Electronics	Computer Fitter/ IT & ESM/ Electronics Mechanic/ I&CTSM/ COPA/ Electronic Fitter/ Gyro Fitter/ Mechanic Radio Radar Aircraft/ Radar Fitter/ Radio Fitter/ Sonar Fitter/ Mechanic Industrial Electronics	6	5	9	4	25	49	CAT (A) - 02 CAT (C) - 01	4	4	ENC-29 SNC-01 WNC-01 NDMBI-18
		<b>TOTAL</b>	<b>164</b>	<b>91</b>	<b>283</b>	<b>138</b>	<b>590</b>	<b>1266</b>	<b>54</b>	<b>111</b>	<b>111</b>	ENC-456 SNC-52 WNC-90 NDMBI-668

BACKLOG VACANCIES INCLUDED IN ABOVE TABLE							
SL	TRADE	SC	ST	OBC	TOTAL	PwBD	Command/HQ/Unit wise vacancy details
1	Auxiliary	3	2	15	20	CAT (A) - 02	ENC-03 WNC-03 NDMBI-14
2	Civil Works	0	2	1	3	CAT (B) - 01	ENC-01 NDMBI-02
3	Electronics & Gyro	1	0	1	2	CAT (A) - 02 CAT (C) - 01	NDMBI-02
4	Heat Engine	1	0	1	2	CAT (A)-01	ENC-02
5	Mechanical	5	2	4	11	CAT (B) - 01 CAT (D)-01	ENC-04 NDMBI-07
6	Mechanical Systems	2	0	3	5	CAT (B)-01	NDMBI-05
7	Metal	1	0	2	3	CAT (D) - 01	WNC-02 NDMBI-01
8	Weapon Electronics	0	1	2	3	CAT (A) - 01	ENC-03
	<b>TOTAL</b>	<b>13</b>	<b>7</b>	<b>29</b>	<b>49</b>	<b>12</b>	ENC-13 WNC-05 NDMBI-31

Physical requirement suitability for PwBDs - As per posts identified by Ministry of Social Justice & Empowerment notification No. 38-16-2020-DD-III dated 04 Jan 2021 amended vide notification No. 30-12/2020-DD-III dated 24 Aug 2022, the PwBD candidates belonging to following suitable categories of benchmark disability may apply for above posts accordingly: -

Suitable Categories of Benchmark Disability
CAT (A) - (B, LV), CAT (B) - (D, HH), CAT (C) - (OA, BA, OL, BL, OAL, SD/ SI without neurological/limb dysfunction CP, LC, Dw, AAV) & CAT (D) - (ASD(M, MoD), SLD, ID, MI and Multiple Disabilities)

\* Persons with SD/SI with associated limb dysfunction shall be covered under the respective sub category such as OL, OA etc. as the case may be.

Functional Requirements
S, ST, W, BN, L, KC, PP, MF, SE, H, C and RW

Note:- PwBD candidates must be in possession of disability certificate issued by the Competent Authority prior to applying Online, in the prescribed format as mentioned at Rule 18(1) of Ministry of Social Justice and Empowerment Notification G.S.R 591(E) dated 15 Jun 2017. The format is also available at <https://onlineregistrationportal.in>. The format is available in the portal, under 'Important Documents'.

2. **Abbreviations used.** UR- Unreserved, SC- Scheduled Caste, ST- Scheduled Tribes, OBC (NCL) - Other Backward Class (Non Creamy Layer), EWS- Economically Weaker Section, PwBDs- Persons with Benchmark Disabilities, TM-SKL- Tradesman Skilled, ESM- Ex- Serviceman, CAT (A)- Blindness and Low Vision, CAT (B)- Deaf and Hard of Hearing, CAT (C)- Locomotor disability including cerebral palsy, leprosy cured, dwarfism, acid attack victims and muscular dystrophy, CAT (D)-Autism, Intellectual disability, specific learning disability and mental illness and multiple disabilities from amongst persons under clauses (A) to (D) including deaf-blindness B- Blind, LV- Low Vision, D- Deaf, HH- Hard of Hearing, OA- One Arm, BA- Both Arms, OL- One Leg, BL- Both Legs, OAL- One Arm and One Leg, SD- Spinal Deformity, SI- Spinal Injury, CP- Cerebral Palsy, LC- Leprosy Cured, Dw- Dwarfism, AAV-Acid Attack Victims, ASD(M, MoD)-Autism Spectrum Disorder (M-Mild, MoD-Moderate), ID- Intellectual Disability, SLD-Specific Learning Disability, MI-Mental Illness, S- Sitting, ST- Standing, W- Walking, BN- Bending, L- Lifting, KC- Kneeling & Crouching, PP- Pulling & Pushing, MF- Manipulation with Fingers, SE- Seeling, H- Hearing, C- Communication, RW- Reading and Writing, ENC- Eastern Naval Command, SNC- Southern Naval Command, WNC- Western Naval Command, NDMBIwed- Naval Dockyard, Mumbai

3. **Reservation.** Reservation for SC/ST/OBC(NCL)/EWS categories are available as per extant Government Orders. The reserved vacancies will be filled up separately from amongst the eligible SCs, STs, OBCs, EWS candidates which will thus comprise of SC, ST, OBC (NCL), EWS who are either lower in merit than the last candidate on merit list of UR category or SC/ST/OBC (NCL) candidates who have availed age relaxation for respective category irrespective of their position in merit list. Similarly, reserved vacancies for PwBDs, ESM & Ex-Agniveers will be filled up from amongst such eligible candidates from respective category who are lower in merit than the last candidate on merit list of respective category but otherwise found suitable for the appointment even by relaxed standard. Reservations for PwBDs, ESM & Ex-Agniveers fall under the category of horizontal reservation which cuts across vertical reservation i.e. reservation for SC/ST/OBC(NCL)/EWS (What is called inter-locking reservation). The candidates selected against the PwBDs, ESM & Ex-Agniveers quota will be placed in the appropriate category of UR/SC/ST/OBC(NCL)/EWS as the case may be.

4. **Essential Qualification.**

(a)	Matriculation or equivalent from a recognised Institute or Board with knowledge of English.
(b)	Should have completed Apprenticeship Training in the trade. OR Mechanic or equivalent with two years regular service in the appropriate Technical Branch of the Army, Navy and Air Force.

Note: Qualifications are relaxable at the discretion of the Appointing Authority in the case of candidates otherwise well qualified.

5. **Method of Recruitment.** By selection of ex-Navy apprentices (ex-apprentices of Yard Apprentice Schools of Indian Navy) and having age criteria as mentioned under the heading 'Age Limit' and 'Age Relaxation as on the Crucial Date'. The candidate should be in possession of Apprenticeship Certificate of respective trade issued by either National Council of Vocational Training or a Naval Yard Apprentice School depicting marks.

6. **Nature of Duties/Job Profile in Brief.** The Tradesman Skilled as per his/ her trade is required to undertake repairs of equipment/ structures and refit of ships and submarines and shall work both onboard ships/ submarines and at the shop floor. The trade wise nature of duties/job profile is elaborated below: -

- (a) **Auxiliary.** Drive commercial vehicles, tractors, luster, platform trucks, fork lifts and mobile cranes. Also responsible for working on a mobile crane and equipment including lifting, lowering and slewing and traversing.
- (b) **Civil Works.** Maintenance of buildings, roads, gardens, fountains, jetties, docks and wharves in the Yard. Also to undertake collection and disposal of dry/ wet garbage and debris and maintenance of sewage system of the Yard.
- (c) **Electrical.** Rewinding of all electrical rotary machineries including generators, converters, motors, armatures, transformers etc. Also responsible for repairs in shop floor and in-situ of stators, rotors, armatures, dynamos, igniters, tacho generators DC motors etc. Also required to undertake electroplating activities viz. Hard chrome, nickel, copper, tin, zinc and lead plating. Commissioning and capacity test of different types of low power batteries, loading/unloading of main propulsion batteries of submarines.
- (d) **Electronics & Gyro.** Undertake repairs of PCB integrated circuits, modules and whole assemblies, control and stabilisation systems of navigations systems, weapons and their associated systems and coding. Repairs, maintenance, installation and trials of gyro, ring laser gyros, Fibre optic gyros and magnetic compass onboard ships and submarines. Repair, calibration and refitting of various instruments, actuators, relays, switches, timer circuits, sensors, PCBs etc. and armament alignment, installation, setting to work and trials of control system of weapon equipment onboard ships and submarines. Also responsible for installation and commissioning of new generation navigation and weapon equipment onboard ships and submarines.
- (e) **Foundry.** Construct and work on various types of cores, patterns, moulds and fettling operations. Work on wood working machinery and in foundry. Also work on casting operations and rectify defects arising on casts. Work on various furnaces and able to rectify defects occurring during cupola operations.
- (f) **Heat Engine.** Repair/ overhaul, installation, setting to work and trials of main diesel engines, gas turbines, reduction gears, diesel alternators and gas turbine generators onboard ships and submarines including lowering, foundation preparation, mounts grouping and alignment. Fitment of all auxiliary machinery, fittings and associated systems related to diesel engines and gas turbines onboard ships. Also undertake capital repairs and routines of various types of diesel engines, gas turbines, diesel alternators, gas turbine generators and reduction gears fitted onboard ships and submarines.
- (e) **Instrument.** Work on control systems of power and electrical systems onboard ships and submarines. Responsible for switchboard control systems, signal conditioning, data acquisition and conversions and measurement of power.
- (f) **Machine.** Work on Lathe, Milling, Grinding, Drilling, Boring, Shaping and all general workshop machines. Usage of special machine tools related to the trade such as automatic lathe, multi-spindle lathe, crank turning lathe etc. Usage of advanced machines such as 3 axis, 5 axis CNC machines, reclamation of worn out components of machinery by metal deposition and other methods, heat treatment of steels, manufacture of special tools, jigs and fixtures and Die making materials and metrology related works.
- (g) **Mechanical.** Repair/ overhaul, installation and trials of main propulsion machinery, auxiliary machinery, governors, deck machinery, flight deck machinery, light gun mountings, launchers, torpedo tubes and mine laying equipment of ships and submarines etc. Also work on alignment of all types of machinery, underwater valves and fittings, chemical cleaning of machinery parts, reclaiming of worn out machinery parts and extraction and fitting of equipment onboard ships and submarines. Installation of new gun mountings and launchers onboard ships and submarines.
- (h) **Mechanical Systems.** Manufacture of pipes and associated fittings of various shapes and sizes using different materials and their fitment onboard ships and submarines, chemical cleaning of pipes, annealing, hardening and burning of pipes, hot and cold bending of pipes, gauging and templating of pipes, manufacture and fabrication of various joints and fittings used for completing pipe systems, repair of valves of various sizes and shapes and of various materials, survey, fabrication, testing and inspection of various systems onboard. Removal and refitting of boilers, super heaters and economisers and associated fittings onboard ships. Undertaking of boiler expansion arrangements, refractory brickwork, welding of boiler pressure parts, bending and setting of tubes as per templates, fabrication and working with jigs and fixtures, hot insulation used for boilers fittings and equipment and maintenance of registers and records. Lagging/ relagging of main and auxiliary equipment and all systems onboard ships and submarines.

(j) **Mechatronics.** Repair/ overhaul, installation and setting to work and trials of hydraulic, pneumatic and electronic control systems relating to steam propulsion plants, boiler combustion control system, diesel main engines, diesel alternators, gas turbines, gas turbine generators, steering and stabiliser systems, winch control systems, lub oil and fuel tank level control systems etc. Repair and refit control equipment used in hydraulic, pneumatic and electronic control systems. Repair, calibration and refitting of various instruments, actuators, relays, switches, timer circuits, sensors, PCBs etc.

(k) **Metal.** Welding, brazing, soldering, metallizing onboard ships and submarines. Undertake different types of welding like MIG, TIG, metal arc, submerged arc, ultrasonic etc. onboard vessels, welding of joints and rectify defects in welding. Undertake cutting of plates, sheets and other ferrous and non-ferrous metals onboard ships and in the shop floor utilising oxy-acetylene, LPG, plasma and ultra-high pressure water cutting by the use of automatic and semi-automatic procedures and non-destructive testing of weld joints by the use of various methods. Also undertake Plate preparation, priming and marking, riveting work, development of shell plates having curvature in one or two directions, cold and hot bending of steel plates and sections, lifting/handling of a prefabricated panel hull survey, testing of compartments and tanks for water and air tightness, Air pressure test and Citadel trials etc. All types of sheet metal processes undertaken in the Yard, development of shell plates having curvature in one or two directions, cold and hot bending of steel plates and sections, joining of sheet metals riveting, spot welding, soldering, etc., various types of paneling required to be fabricated and fitted onboard ships and submarines, paneling in cold room/cool room and inside GT intakes. Undertake repair, overhaul and maintenance of ships and submarine services relating to Freshwater, sanitary, pump, flooding and draining arrangements and other fitted systems. Also to repair rod gearing and various types of valves used in systems and service various doors, hatches, scuttles, manholes, ventilation flaps and other associated arrangements. Undertake repairs of various appliances like gantry, davits, derricks etc. used in ships and submarines, aircraft lifts, telescopic and rolling shutters and dome operating mechanisms and their associated systems. Survey and repairs of anchor and chain cable, load testing of chain cables, heat treatment of various fittings and accessories associated with anchor and anchor chain cables, examination & test of wrought iron chain cable and forged steel chain cable.

(l) **Millwright.** Lathe, milling, boring, drilling and grinding operations and maintenance. Repair and overhaul of machines, installation and erection of foundation of machines.

(m) **Refrigeration & Air Conditioning.** Overhaul and repairs of different types of air conditioning and refrigeration plants. Undertake pressure test, vacuum test, charging and trial of plants. Testing, maintenance and servicing of Ref & AC Plants excluding electrical side. Calibration and testing of all instrumentation and cut outs/ alarms used on the Plants. Undertake chemical cleaning of coils, condenser shells, ATUs etc. in shop floor. Overhaul sealed unit compressor and domestic refrigeration and A/C machines.

(n) **Ship Building.** Operation of caissons, dock gates etc., laying wooden docks, deck planking, repair and erection of keel blocks, cradles, shoring, cribbing and other structures used for supporting ships in dry docks, lamination and bending of wood for fabrication of large sections, manufacture of catamarans, rafts, floats, pontoons, masts, spares, ladders etc. and work on wood working machines and portable tools. Also repair hull of all types of GRP boats, collar plates, and associated fittings and carry out leak checks. Work with rigging material whilst docking/ undocking of vessels, berthing and warping of ships. Application of underwater anti corrosive paints, anti-fouling paints, boot topping and all types of primers and various types of paints and colour schemes onboard ships and submarines. Servicing and routines on the fabric portion of all lifesaving equipment. Execution of detailed test procedure on completion of every repair and servicing job of life saving equipment and packing of all type of life rafts as per SOLAS regulations.

(p) **Weapon Electronics.** Repair, maintenance, installation and setting to work and trials of all radar systems, transmitters, antennas, displays, communication systems, sonars, logs, echo sounders, underwater telephones and other systems including their PCBs, modules etc. fitted onboard ships and submarines. Also responsible for repairs and overhaul of all underwater systems, associated hull-outfits, winches, towed arrays.

**Note.** The duties indicated here are only illustrative and not exhaustive. User Department of Indian Navy may add in the list, duties ordinarily performed by personnel of this level.

7. **Age Limit.** Between 18 and 25 years as on crucial date with relaxation as under:-

(a) Relaxable for Government servants upto forty years in accordance with instructions or orders issued by Central Government from time to time and further relaxable for five years, as in the case of Scheduled Castes and Scheduled Tribes.

(b) Relaxable to apprentices to the extent of the period for which the apprentice had undergone training.

8. **Age Relaxation and Crucial Date.**

(a) **Age Relaxation.**

S. No.	Category	Age Relaxation permissible beyond the upper age limit
(i)	SC/ST*	05 Years*
(ii)	OBC*	03 Years*
(iii)	PwBDs	UR -10 Years, OBC* - 13 (10+03) Years*, SC/ST*-15 (10+05) Years*.
(iv)	ESM	Period of Military Service plus 03 Years.

(v)	Disabled Defence services personnel.	03 Years (08 years for SC/ST)*
(vi)	Ex-Agniveers	05 Years for first batch of Agnipath scheme & 03 Years for the other batches
(vi)	Departmental Candidates with three years continuous service in Central Govt.	Upto 40 years of age (45 years for SC/ST)*
(vii)	Widows, divorced women & women judicially separated from their husbands and who are not re-married	Upto 35 years of age (upto 40 years for SC/ST)*
(viii)	Meritorious Sportspersons as per OM dated 12-11-87	Upto 30 years of age (upto 35 years for SC/ST)*

\*Age relaxation for SC, ST & OBC(NCL) categories is applicable only for the posts wherein vacancies are reserved for respective categories (refer vacancy table at para 1 above). Age relaxation for all other eligible categories will be as per extant rules issued by the Govt. of India from time-to-time.

(b) **Crucial Date.** The crucial date for determining the age limit and eligibility criteria will be the closing date for receipt of online applications. Date of Birth will be mentioned in Class X certificate issued by concerned Education Board will be considered as proof of date of birth. In cases where date of birth is not mentioned in Class X certificate, the birth certificate issued by Competent Authority will be considered as proof of date of birth.

9. **Mode of Selection.** The selection of ex-Naval apprentices will be carried out as per extant guidelines promulgated by Competent Authority. The other provisions are as follows:-

(a) **Screening of Applications.** Indian Navy will not carry out detailed scrutiny of applications received online to allow candidates to appear for the examination. Detailed scrutiny of documents will be carried out at a subsequent stage.

(b) **Shortlisting of Applications.** All eligible ex-Naval apprentices will normally be allowed to appear for selection purpose. Merely fulfilling the basic selection criteria does not automatically entitle a candidate to be called for the written examination. If the number of applications received are too large in proportion to the vacancies, the Appointing Authority reserves the right to shortlist the applications, as deemed appropriate, and only the shortlisted candidates will then be called for the written test.

(c) **Scheme of Written Examination.** All eligible candidates will have to appear for the written examination consisting of objective type questions based on the essential qualification as mentioned under the heading 'Essential Qualification' & 'Method of Recruitment'. The test would be bilingual (English & Hindi) only except for General English. The mode of test will be intimated in the instructions to be forwarded along with E-admit card (E-admit card is required to be downloaded from <https://onlineregistrationportal.in>). The single test paper shall be covering aspects as below:-

Part	Subject	Maximum Marks	Duration of Examination
(i)	General Intelligence and Reasoning	30	02 hrs
(ii)	General Awareness	20	
(iii)	Quantitative Aptitude	30	
(iv)	English Language	20	
	<b>Total</b>	<b>100</b>	

(d) **Syllabus for Examination.** The indicative syllabus for subject recruitment is as follows:-

(i) **General Intelligence and Reasoning.** This section would include questions of both verbal and non-verbal type. It would include questions on analogies, similarities and differences, space visualization, problems solving, analysis, judgment, decision making, visual memory, discriminating observation, relation concepts, figure classification, arithmetical number series, non-verbal series etc. The section will also include questions designed to test candidate's ability to deal with the abstract ideas, symbols and their relationship, arithmetical computation and other analytical functions.

(ii) **General Awareness.** Questions are designed to test the general awareness of the environment and its application to the society. Questions will also be designed to test knowledge of current events and of such matter of everyday observation and experience in their scientific aspects as may be expected of any educated person. The test will also include questions relating to India and its neighboring countries especially pertaining to Sports, History, Culture, Geography, Economic Scene, General Polity including Indian Constitution, Scientific Research etc. These questions will be such that they do not require special study of any discipline.

(iii) **Quantitative Aptitude.** This section would include questions on problems relating to number system, computation of whole numbers, decimals, fractions and relationships between numbers, fundamental arithmetical operations, percentages, Ratio and proportions, averages, interest, profit & loss, discount, use of tables and graphs, mensuration, time & distance, ratio & time, time & work etc.

(iv) **English Language.** This section will include questions on spot the error, fill in the blanks, spellings/detecting mis-spelt words, idioms & phrases, one word substitution, improvement of sentences, active/passive voice of verbs, conversion into direct/indirect narration, shuffling of sentence parts. Candidates will also be tested