

15. Are you (i) Govt. Employee of Central/State Govt. Autonomous Bodies/ PSUs, Public Sector Banks Yes No. (ii) Ex-Servicemen Yes No.
- (iii) Physically Handicapped: Yes No.

16. Visible Mark of Identification on Body:

17. Qualification: (fill in only those qualifications prescribed for the posts applied for)

(a) Academic	Qualification	University/ Board	Year of Passing	Subjects	Marks / % Obtained
S.S.C. / X / Matriculation					
Higher Secondary / XII /Intermediate					

Diploma & higher Qualification from an institution recognized by Central Government or State Government.

(b) Technical	Qualification	University/ Board	Year of Passing	Discipline	Marks / % Obtained

18. Details of previous & present employment held (in chronological order starting from present position backward) (Attach separate sheet, if required)

Name & Address of Employer	Designation & Scale of Pay	Date from	Date to	Nature of Job	Length of the service

19. Document attached in proof of: (Indicate in relevant boxes indicated below):-

- Matric/SSC Certificate (for DOB Proof) Qualification Certificates Mark list of all semester/year
- Community Certificate : ST Disability Certificate - PwD Discharge Certificate for Ex-SM
- Income and Asset Certificate (EWS) No Objection Certificate Experience Certificate

20. If selected, minimum time for joining the post:

21. Have you ever been detained in Police custody? Or convicted by Court of Law? Or any criminal case is pending or contemplated by Court of Law? Yes No
- If any of this is Yes, give complete details thereto on separate paper.

22. Declaration:

“I hereby declare that all the statements made by me in the application are true and complete to the best of my knowledge and belief and nothing has been concealed or suppressed. I also understand that in case, any of my statement is found untrue during any stage of recruitment or thereafter, shall disqualify me for the post and I shall be liable for any action under the extant rules and my services are liable to be terminated without giving any notice or reason thereof.”

Date:

Place:

Left Thumb impression

Signature of Candidate

ANNEXURE – II

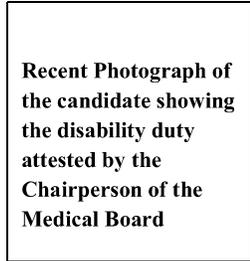
The form of certificate to be produced by Physically Handicapped candidates applying for appointment to posts under the Government of India

NAME & ADDRESS OF THE INSTITUTE/HOSPITAL

Certificate No.....

Date:

DISABILITY CERTIFICATE



This is certified that Shri/Smt./Kum..... son/wife/daughter of Shri age..... sex identification mark(s).....is suffering from permanent disability of following category:

A.Locomotor or Cerebral Palsy:

- (i) BL----Both legs affected but not arms
- (ii) BA----Both arms affected (a) Impaired reach
(b) Weakness of grip
- (iii) BLA----Both legs and both arms affected
- (iv) OL----One leg affected (right or left) (a) Impaired reach
(b) Weakness of grip
(c) Ataxic
- (v) OA----One arm affected (a) Impaired reach
(b) Weakness of grip
(c) Ataxic
- (vi) BH----Stiff back and hips (cannot sit or stoop)
- (vii) MW----Muscular weakness and limited physical endurance.

B.Blindness or Low Vision:

- (i) B---Blind
- (ii) PB---Partially blind

C.Hearing Impairment:

- (i) D---Deaf
 - (ii) PD---Partially deaf
- (Delete the category whichever is not applicable)

2. This condition is progressive/non-progressive/likely to improve/not likely to improve. Re-assessment of this case is not recommended/is recommended after a period of years months*

3. Percentage of disability in his/her case is.... Percent.

4. Shri/Smt./Kummeets the following physical requirements for discharge of his/her duties: -

- (i) F---Can perform work by manipulating with fingers. Yes/No
- (ii) PP--- Can perform work by pulling and pushing. Yes/No
- (iii) L---Can perform by lifting. Yes/No
- (iv) KC---Can perform work by kneeling and crouching. Yes/No
- (v) B---Can perform work by bending. Yes/No
- (vi) S---Can perform work by sitting. Yes/No
- (vii) ST---Can perform work by standing. Yes/No
- (viii) W---Can perform work by walking. Yes/No
- (ix) SE---Can perform work by seeing. Yes/No
- (x) H---Can perform work by hearing/speaking. Yes/No
- (xi) RW---Can perform work by reading and writing. Yes/No

(Dr.)
Member
Medical Board

(Dr.)
Member
Medical Board

(Dr.....)
Chairman
Medical Board

Countersigned by the Medical
Superintendent/CMO/Head of Hospital (With seal)

*Strike out whichever is not applicable

ANNEXURE-III

**The form of certificate to be produced by Government servants for claiming Age concession
(Letter Head of the Institution/Issuing Authority)**

This is to certify that Shri/Ms. S/o, D/o, W/o Shri..... is a regularly appointed employee of this Organization/Department/Ministry and duties performed by him/her during the period(s) are as under (Short description of duties performed)

Certified that:

*(a) Shri/Shrimati/Kum. holds substantively a permanent post of in the Office/Department of with effect from

*(b) Shri/Smt./Kum..... has been continuously in temporary service on a regular basis under the Central Government in the post of..... in the Office/Department..... with effect from.....

Signature.....

Name.....

Designation.....

Ministry/Office.....

Address.....

Place:

Date:

Office

SEAL.....

Government of
(Name & Address of the authority issuing the certificate)

INCOME & ASSEST CERTIFICATE TO BE PRODUCED BY ECONOMICALLY WEAKER SECTIONS

Certificate No. _____

Date: _____

VALID FOR THE YEAR _____

This is to certify that Shri/Smt./Kumari _____ son/daughter/wife of _____ permanent resident of _____, Village/Street _____ Post Office _____ District _____ in the State/Union Territory Pin Code _____ whose photograph is attested below belongs to Economically Weaker Sections, since the gross annual income* of his/her "family"*** is below Rs. 8 lakh (Rupees Eight Lakh only) for the financial year _____. His/her family does not own or possess any of the following assets*** :

- I. 5 acres of agricultural land and above;
- II. Residential flat of 1000 sq. ft. and above;
- III. Residential plot of 100 sq. yards and above in notified municipalities;
- IV. Residential plot of 200 sq. yards and above in. areas other than the notified municipalities.

2. Shri/Smt./Kumari _____ belongs to the _____ caste which is not recognized as a Scheduled Caste, Scheduled Tribe and Other Backward Classes (Central List).

Signature with seal of Office _____

Name _____

Designation _____

**Recent Passport
size
attested
photograph of
the applicant**

*Note 1: Income covered all sources i.e. salary, agriculture, business, profession, etc.

Note 2: The term 'Family' for this purpose include the person, who seeks benefit of reservation, his/her parents and siblings below the age of 18 years as also his/her spouse and children below the age of 18 years

***Note 3: The property held by a 'Family' in different locations or different places/cities have been clubbed while applying the land or property holding test to determine EWS status.

The benefit of reservation under EWS can be availed upon production of an Income and Asset Certificate issued by a Competent Authority. The Income and Asset Certificate issued 'by any one of the following authorities in the prescribed format shall only be accepted as proof of candidate's claim as 'belonging to EWS: -

- (i) District Magistrate/Additional District Magistrate/ Collector/ Deputy Commissioner/Additional Deputy Commissioner/ 1st Class Stipendary Magistrate/ Sub-Divisional Magistrate/ Taluka Magistrate/ Executive Magistrate/ Extra Assistant Commissioner
- (ii) Chief Presidency Magistrate/Additional Chief Presidency Magistrate/Presidency Magistrate
- (iii) Revenue Officer not below the rank of Tehsildar and
- (iv) Sub-Divisional Officer or the area where the candidate and/or his family normally resides.

ANNEXURE-V

EXAMINATION PROCEDURE AND SYLLABUS FOR TECHNICAL SUBJECT FOR RECRUITMENT TO THE POSTS OF NAVIGATIONAL ASSISTANT GRADE-III, TECHNICIAN (ELECTRONICS), TECHNICIAN (ELECTRICAL), TECHNICIAN (DIESEL), TECHNICIAN (GENERAL) AND RADIO TECHNICIAN:

The examination shall be multiple choice question (MCQ). There will be 100 questions of one mark each from the following subjects.

SI.No.	Subject	Marks
1.	General knowledge/Aptitude test (numerical aptitude/qualitative aptitude/quantitative aptitude/reasoning etc.)	40
2.	Technical*	60
	Total	100

Note: *Technical subject will be varying as per the post.

There will be negative mark in written examination and 1/3rd of the mark shall be deducted for each wrong answer. However, no marks will be deducted for the questions which were kept unattended. The qualified candidates have to undergo a trade test which will be of qualifying in nature. The committee shall fix qualifying standard in the trade test. The candidate who qualify in the trade test will be considered for final selection on the basis of their merit in the written examination.

Mobile phones, calculators or any other devices will not be allowed in the examination hall.

The qualifying/cut off marks will be decided by the concerned recruitment committee constituted by various Directorates.

WARNING:

DGLL has not appointed any agencies/agents or centers for action on its behalf. Candidates are warned against any such claims made by the persons/agencies. Candidates are selected purely as per the merit. Please beware unscrupulous element and not fall in their trap. Candidates attempting to influence the Director directly or indirectly shall be disqualified and legal action shall be initiated against them.

Syllabus for the post of Navigational Assistant Grade-III

Part A - General knowledge/Aptitude test (numerical aptitude/qualitative aptitude/quantitative aptitude/reasoning etc.)

Part B - Technical

Syllabus for technical subject

Electronic components & materials	Conductors, semiconductor & insulators, magnetic materials, jointing & cleaning materials for U/G copper cables & OFC, cells and batteries (chargeable and non-chargeable) relays, Switches, MCB & Connectors.
Electronic Devices and circuits	PN junction diodes, Thyristor, Diode and triode circuits, junction transistors, Amplifiers, oscillator, multivibrator, counters, rectifiers, inverter and UPS.
Digital Electronics	Number system & Binary codes, Boolean Algebra & Logic gates, Combinational & Sequential logic circuits, A/D & D/A converter, counters, memories
Linear Integrated circuit	Introduction to operational Amplifier, Linear applications, Non-Linear applications, Voltage regulators, Timers, Phase lock loop.
Electronic Measurements	Measuring systems, basic principles of measurement, range extension methods, cathode ray oscilloscope, LCD, LED panel, Transducers.
Communication Engineering	Introduction to communication, Modulation techniques, multiplexing techniques, wave propagation, transmission line characteristics, OFC, Fundamentals of Public Address system, Electronic exchange, basics of Radar, Cellular and Satellite Communication. Basic knowledge of wave propagation, VSAT and microwave antennas, operation of VHF sets, transceivers.
Basic Electrical Engineering	DC Circuits, AC Fundamentals, Magnetic, Thermal and chemical effects of Electric current, Earthing – Installation, Maintenance, Testing
Equipments	Knowledge of Voltage stabilizers, Isolation transformers, AMF panel for generators, Different types of timers and switching circuits
Solar power plant	Basic knowledge of solar power plants, different types of Solar panels, MPPT, Mini Charge Regulators, solar power conditioning units etc.
Aids to Navigation	Basic knowledge of marine lanterns, Racons, DGPS, NAVTEX, AIS, GPS, etc
Basic concepts	Concepts of resistance, inductance, capacitance, and various factors affecting them Concepts of current, voltage, power, energy and their units

Circuit law	Kirchhoff's law, Simple Circuit solution using network theorems
Magnetic Circuit	Concepts of flux, MMF, reluctance, Different kinds of magnetic materials, Magnetic calculations for conductors of different configuration eg straight, circular, solenoidal, etc. Electromagnetic induction, self and mutual induction
AC Fundamentals	Instantaneous, peak, RMS and average values of alternating waves, Representation of sinusoidal wave form, simple series and parallel AC Circuits consisting of RL and C, Resonance, Tank Circuit Poly Phase system – star and delta connection, 3 phase power, DC and sinusoidal response of R-Land R-C circuit
Measurement and measuring instruments	Measurement of power (1 phase and 3 phase, both active and re-active) and energy, 2 wattmeter method of 3 phase power measurement, Measurement of frequency and phase angle Ammeter and voltmeter (both moving oil and moving iron type), extension of range wattmeter, Multimeters, earth Megger, insulation megger.
Electrical Machines	(a) DC Machine – Construction, Basic Principles of DC motors and generators, their characteristics, speed control and starting of DC Motors Method of braking motor, 17 Losses and efficiency of DC Machines (b) 1 phase and 3 phase transformers – Construction, Principles of operation, equivalent circuit, voltage regulation, OC and SC Tests, Losses and efficiency Effect of voltage, frequency and wave form on losses Parallel operation of 1 phase /3 phase transformers Auto transformers (c) 3 phase induction motors, rotating magnetic field, principle of operation, equivalent circuit, torque-speed characteristics, starting and speed control of 3 phase induction motors Methods of braking, effect of voltage and frequency variation on torque speed characteristics Fractional Kilowatt Motors and Single Phase Induction Motors: Characteristics and applications
Utilization of Electrical Energy	Illumination, Electric heating, Electric welding, Electroplating, Electric drives and motors
Protective device	Basic knowledge of earthing, lightning conductor, surge protector and isolation transformer.
Fire & fire fighting	Basic knowledge of different kinds of fire and firefighting equipments.
Solar power plant	Basic knowledge of solar power plants, different types of Solar panels, MPPT, Mini Charge Regulators, solar power conditioning units etc