

RECRUITMENT NOTICE FOR THE POST OF SUB-INSPECTOR (WORKSHOP) & HEAD CONSTABLE (PAINTER) IN A & N POLICE FIRE SERVICE

Applications are invited from eligible **male** candidates for the following posts in Andaman & Nicobar Police Fire Service. The number of Post, scale of pay and eligibility conditions are given below:-

1. Sub-Inspector (Workshop): 01 post (for General candidate)

(i). **Pay Band + Grade Pay** – PB-2 Rs.9300 – 34800 + GP Rs.4200/-

(ii). **ELIGIBILITY CONDITIONS:**

a)	Age limit (As on 14/11/2009)	18 to 33 years (Relaxable for the Govt. servant upto 5 years)
b)	Educational Qualification	Bachelor Degree in Automobile/Mechanical Engineering from a recognized University. Or Diploma in Automobile/Mechanical Engineering from recognized institution with 03 years experience.
c)	Physical Measurement	
	Height	168 cm
	Chest (Normal)	81 cm
	Chest (Expanded)	85 cm
	Weight	50 Kg

2. Head Constable (Painter): 01 (for General candidate).

(i). **Pay Band + Grade Pay** – PB-1 Rs.5200 – 20200 + GP Rs.2400/-

(ii). **ELIGIBILITY CONDITIONS:**

a)	Age limit (As on 14/11/2009)	18-25 years (Relaxable for the Govt. servant upto 5 years)
b)	Educational Qualification	i) Matriculation from a recognized institution/Board ii) Should possess painter certificate from a recognized ITI institute.
c)	Physical Measurement	
	Height	168 cm
	Chest (Normal)	81 cm
	Chest (Expanded)	85 cm
	Weight	50 Kg

3. PHYSICAL ENDURANCE TEST

The candidates who qualify physical measurement shall undergo physical endurance test as per the following standards.

S. No	Event	For Sub-Inspector (Workshop)	For Head Constable (Painter)
i.	Race	1 mile in 8 minutes	1 mile in 7 minutes
ii	Long Jump	10 feet (in three chances)	12 feet (in three chances)
iii	High Jump	3 ½ feet (in three chances)	4 feet (in three chances)

Note: - Candidates have to qualify in each event of physical Endurance Test, otherwise they will be eliminated at that stage only.

4. WRITTEN EXAMINATION

The candidates who qualify in Physical Measurement and Physical Endurance Test will take a written test as per the following scheme.

i) Scheme & Subjects for the Written Examination for the post of Sub-Inspector (Workshop)

Paper	Name of test	Marks	Duration
1	Automobile/Mechanical Engineering	100	1 ½ Hours
2	English	50	1 Hour
3	General awareness, Reasoning & Aptitude	50	1 Hour

ii) SYLLABUS FOR WRITTEN PAPERS

PAPER-1: AUTOMOBILE/ MECHANICAL ENGINEERING

A. CLUTCHES

Function, requirement of clutch, types of clutches, principle of friction clutches, clutch operation, clutch components, preliminary inspection of clutch, clutch adjustment, clutch overhauling etc.

B. TRANSMISSION AND REAR AXLE

Function of transmission, necessity of transmission, types of transmission, sliding mesh gear box, constant mesh gear box, synchromesh gear box, lubrication of transmission, epicyclic gear box, flywheel unit, torque converter, principle of automatic transmission, function & working of differential etc.

C. SUSPENSION SYSTEM

Objects of suspension, basic requirements, function of suspension springs, types of suspension springs, leaf springs, coil springs, torsion bars, shock absorbers, independent suspension, stabilizer or anti-roll device etc.

D. BRAKES

Principle, requirement of good braking system, types of brakes, components of hydraulic brakes, components of air brakes, inspection of brake system, adjustment of brake, bleeding of brakes & its necessity, brake maintenance etc.

E. COOLING SYSTEM

Necessity, methods of cooling, air cooling, water cooling, components of water cooling system, radiator pressure cap and expansion reservoir, thermostat, water pump, fan, other methods of cylinder cooling, antifreeze solutions: its merits and demerits etc.

F. LUBRICATION SYSTEM

Objects of lubrication, requirements of lubrication, types of lubrication, types of lubricants, viscosity rating, testing of lubricants, components of lubrication, function, type & necessity of crankcase ventilation etc.

G. TESTING OF AUTOMOBILE ENGINES

Classification of tests measurement of indicated power, measurement of brake power, mechanical efficiency, measurement of fuel consumption, thermal efficiency, air consumption measurement, relative efficiency, measurement of lubricating oil consumption etc.

H. IGNITION SYSTEM

Function, requirement of an ignition system, types of ignition system: battery ignition system & magneto ignition system, components & its functions of both type of ignition systems, introduction of electronics ignition system, advantages of electronic ignition system over conventional ignition system etc.

I. STORAGE BATTERIES

Function, type and construction of battery, battery capacity, battery ratings, battery charging & its specific gravity, battery testing and maintenance of battery etc.

J. STARTING AND CHARGING SYSTEM

Function and working principle of self-starter, main components of self-starter, types of bendix drive, function of solenoid switch, function and working principle of alternator, main components of alternator etc.

K. FLOW OF LIQUIDS

Laminar & turbulent flow, equation of continuity, Bernoulli's theorem: classification of turbines & pumps etc.

L. THERMAL ENGINEERING

Laws of thermodynamics, the types of engines like common rail fuel injection system, direct injection system, multipoint fuel injection system, v-

engines, difference between two stroke & four stroke engines, types of brakes, Working of IC engines, Carburetion, Solex Carburetor diesel fuel pump & injector etc.

M. PRODUCTION ENGINEERING

Welding-classification and types of welding, testing and defects in welds, lathes, working of lathe, various tools, operation on lathes, types of lathes, drilling operations performed on drilling machines etc.

N. STRENGTH OF MATERIALS

Stresses in composite bars, Relation between elastic constants, Resilience under different types of loads, SF & BM diagrams, Torsion of circular shafts etc.

O. THEORY OF MACHINES

Simple Mechanism-Four bar chain, Slider crank chain, doubles slider crank chain, Flywheel- Turning moment diagrams, Fluctuation of energy etc.

PAPER – 2: ENGLISH

In this paper a candidate's understanding of English Language, its correct usage and writing ability would be tested. Questions on grammar, usage, short essay, letter writing, précis, paragraph/report writing and translation would be included.

PAPER – 3: GENERAL AWARENESS, REASONING & APTITUDE

Questions in this paper will include general awareness as well as general intelligence and reasoning ability. Questions will be designed to test knowledge of current events and such matters of every day observations and experience as may be expected of any educated person. The test will include questions relating to India and its neighboring countries especially pertaining to history, culture, geography, economics, general polity, scientific research etc. These questions will be such that they do not require a special study any discipline. There will be questions of reasoning which will include questions on analogies, similarities and differences, spatial visualization, spatial orientation, problem solving, analysis, judgment, decision making, visual memory, simple arithmetic etc.

Only those candidates who score 50 % or more marks in written test will be eligible for trade test.

ii) Scheme & Syllabus for the Written Examination for the post of Head Constable (Painter)

Name of Post	Paper & Marks	Syllabus
Head Constable (Painter)	Paper – 4 (50 marks)	The question paper will cover general knowledge, simple

		arithmetic, English and Hindi language and essay. The paper of general knowledge and arithmetic will be set both in Hindi & English and the candidate may answer either in Hindi or English
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Only those candidates who score 50 % or more marks in written test will be eligible for trade test.

5. TRADE TEST

I) SCHEMES FOR TRADE TEST FOR SUB INSPECTOR (WORKSHOP)

The candidates who qualify in the written test will be subjected to a trade test to assess their technical aptitude and knowledge for practical work in the field of Automobile Engineering.

The Trade test will be for a total of 75 marks (duration- 02hrs). The candidates shall be provided with vehicles of various categories and asked to identify, locate, explain and if required, fix the problems therein. The defects to be provided for testing the diagnostic capabilities shall relate to the general functioning of the engine, gear box, chassis, cooling, brakes, transmission, suspension, lubrication, electrical & electronics system etc.

Only those candidates who obtain 50 % or more marks in the trade test will be declared qualified in trade test.

II) SCHEMES FOR TRADE TEST FOR HEAD CONSTABLE (PAINTER)

The candidates who qualify in the written test will be called for trade test of 30 marks which will include: -

Trade test for Head Constable (Painter)

i.	Use of hand tools for marking, cutting, bending, folding	03 marks
ii.	Metal pretreatment, Scrapping, rubbing by emery cloth, wire brushes, buffing, tickling, phosphating, sand blasting, various methods to prevent corrosion.	05 marks
iii.	Painting by brushing on iron pipes, steel pipes, galvanized pipe, lead pipes, aluminum pipes, synthetic pipes.	03 marks
iv.	Mixing of paints and ingredients for brush painting and spray-painting, mixing of putty and filling of surface and its application.	05 marks

v	Painting with spray painting plants with compressed air on the body of automobile vehicles, metal surfaces, different surfaces likes corners, round parallel curve surfaces, angles, rectangular, cone, cylinder, square. Finishing and polishing.	05 marks
vi	Pretreatment for removal of paints & surface treatment, repairs of painting defects, treatment of various defects arising while painting and their remedies.	03 marks
vii	Calculation of amount of paints and other items needed	03 marks
viii	Sign-painting-painting letters & figures of different types, cutting stencils of alphabet and numeral etc.	03 marks

Only those candidates who obtain 50 % or more marks in the trade test will be declared qualified in trade test.

6. INTERVIEW

The candidates who qualify in the trade test will be subjected to an interview. The interview will be for 20 marks for the post of Sub-Inspector (Workshop) and 15 marks for the post of Head Constable (Painter). During the interview the overall personality, aptitude, attitude and general awareness of the candidates will be judged.

Apart from this, additional marks up to a maximum of 5 shall be awarded for achievements in Sports and NCC as follows:-

- | | | |
|---|---|------------|
| a) NCC 'C' Certificate | : | 2 marks. |
| b) NCC 'B' Certificate | : | 1 mark. |
| c) Gold medal at National level in sports | : | 5 marks. |
| d) Silver medal at National level in sports | : | 4.5 marks. |
| e) Bronze medal at National level in sports | : | 4 marks. |
| f) Gold medal at State level in sports | : | 3.5 marks |
| g) Silver medal at State level in sports | : | 3 marks. |
| h) Bronze medal at State level in sports | : | 2.5 marks. |

Candidates should bring their all original certificates of achievements in Sports and NCC at the time of interview.

Final list of successful candidates shall be prepared on the basis of the marks obtained in the written paper, NCC/Sports marks, Trade test and interview.

7. MEDICAL EXAMINATION

The successful candidates shall be subjected to medical examination as given below:

- i) Minimum distant vision should be 6/6 and 6/9 of two eyes without correction i.e. without wearing of glasses. The candidate should not have Colour Blindness.
- ii) The candidate must not have knock-knee, flat foot, varicose vein or squint eyes, bow legs, inability to close either eye, inability to flex the fingers properly or any other obvious deformities.
- i) The candidate must be in good mental and physical health and free from any physical defects likely to interfere with the efficient performance of police duties.

8. HOW TO APPLY

- i) The Candidates may submit their application on a plain paper in the format given below along with the **self attested** copies of certificates of age proof, technical qualification and education qualification with **three passport size photographs** (one should be affixed in the space given in the application form and other two should be attached along with application form) **to Recruitment cell, Police Head Quarter, Atlanta Point, Port Blair on any working day with effect from 15/10/2009 to 14/11/2009.**
- ii) Acknowledgment receipt will be issued on depositing the form which should be retained by the applicant.
- iii) The application submitted to any officers other than those authorized as above mentioned, will not be accepted and no representation in this regard will be entertained. One candidate can submit only one application. If any candidate submits more than one application, his candidature will be liable to be rejected.

9. CLOSING DATE

Application form should be deposited in the above designated office latest by **1700 Hrs on 14/11/2009.**

10. INSTRUCTIONS IN GENERAL

- i) After scrutiny and acceptance of the application forms, each applicant will be issued an **Admit card**, which will be required for all stages of the recruitment. The Admit cards should be collected by the candidate from **20/11/2009 to 22/11/2009** from the Recruitment Cell, Police Head Quarter, Atlanta Point, Port Blair.

- ii) Original documents (Educational qualification, age proof, sports/NCC and technical qualification) will be checked at the time of **'interview'**. The candidates, therefore, should bring these original documents/certificates only at the time of interview.

Note:

- i) Applications found incomplete in any form are liable to be rejected and no further correspondence will be made in this regard. No Admit Card will be issued in case the application is rejected.
- ii) Candidates failing at any stage will be eliminated at that stage only.
- iii) The candidates shall prepare for the physical endurance test and participate at their own risk. A & N Police will not be liable for any damages in the event of any injury or other casualty suffered by a candidate during the test.
- iv) The candidates who are not satisfied with the decision of the Recruitment Board about their Physical Measurements may prefer appeal in writing in the prescribed format to the appellate authority on the same day.
- v) The date, time and venue of Physical measurement, Physical Endurance test, written test, trade test and Interview shall be communicated in due course through local newspapers, All India Radio etc.
- vi) No TA or DA will be paid to the candidates for attending the selection Process/Interview.

FORMAT

APPLICATION FOR THE POST OF SUB- INSPECTOR (WORKSHOP)/ HEAD CONSTABLE (PAINTER) IN ANDAMAN AND NICOBAR POLICE FIRE SERVICE

To,
The Dy. Superintendent of Police (HQ)
Police Head Quarter, Atlanta Point,
Port Blair

Affix Recent
Passport Size
Photograph

Sub: Application for the post of Sub- Inspector (Workshop)/Head constable (painter).

Sir,

With reference to advertisement for recruitment to the aforementioned posts, I beg to submit my candidature, as per following details: -

1	Name of Applicant (in block letters)	
2	Father's Name (in block letters)	

3	Date of Birth (Date) (Month) (Year)
4	Nationality	
5	Educational Qualification	
6	Technical Qualification	
7	Post Applied for	S.I. (Workshop)..... HC (Painter).....
8	Permanent Address	
9	Address for communication	
10	Telephone No. if any	

Have you ever been arrested or tried in a court of law for any offence or convicted or fined by a court or filled any Bond asked by the court at the time of submitting this application form or if any case is pending in a court of law? If so, please give details.

Have you ever been debarred by any Recruitment/Selection Board from appearing in any examination? If so please give details.

DECLARATION

I hereby declare that all statements made in the application are true, complete and correct to the best of my knowledge and belief. I understand that in the event of any information being false or incorrect or ineligibility being detected before or after my selection, my candidature/appointment is liable to be cancelled.

Signature of the applicant
Date:.....

Documents enclosed:

- 1.
- 2.
- 3.

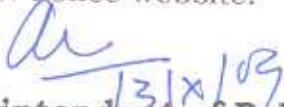
No. DGP/Recruitment Cell/4/2009/6945
पुलिस महानिदेशक का कार्यालय
OFFICE OF THE DIRECTOR GENERAL OF POLICE
अण्डमान तथा निकोबार द्वीपसमूह
Andaman and Nicobar Islands

पोर्ट ब्लेयर Port Blair, दिनांक dated the 13th October, 2009

Copy to:

1. PS to Hon'ble Lt. Governor, A&N Islands for information.
2. The Director (IP&T), A&N Admn., Port Blair, with the request to publish the notice in the "Daily Telegram".
3. The Station Director, AIR, Port Blair with the request to broadcast the notice for three consecutive days.
4. The Employment Officer, Employment Exchange, Port Blair.

5. The Director, Doordarshan, Port Blair.
6. The News Editor, All India Radio, Port Blair with the request to ~~broadcast~~ broadcast the notice for two consecutive days.
7. The Chief Editor, Daily Telegram, Port Blair.
8. SO to DGP
9. R to IGP (HQ)
10. R to DIGP (L&O).
11. All SPs including Commandant IRBn
12. Assistant Commandant (HQ) IRBn
13. Police Radio Officer, C.F.O
14. All Police Stations
15. SO Signal Center with direction to transmit the notice to all SHOs at out station for wide publicity.
16. Notice Board, PHQ, Police Line, IRBn (HQ) Port Mout
17. I/C Computer Cell to publish in the A&N Police website.


13/10/09
Dy. Superintendent of Police (HQ)
Police Head Quarters