

		<p>conducted by Border Roads Organisation.</p> <p>(iii) Should qualify in physical tests as per Border Roads Organisation guidelines.</p> <p>(iv) Should meet physical and medical standards as per Border Roads Organisation guidelines.</p>
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24. Syllabus for written examination:

(A) Draughtsman:

- (a) Questions on simple maths
- (b) Question on mensuration
- (c) Civil Engineering Drawing
- (d) Quantitative aptitude
- (e) General Knowledge

(B) Supervisor (Administration):

- (a) Questions on platoon in Defence & camp in all round Defence
- (b) Camp layout
- (c) Adm/discipline of men
- (d) Fire Fighting
- (e) Hygiene and sanitation
- (f) First Aid
- (g) Management of Accounts
- (h) Management in insurgency
- (i) Questions on Arithmetic
- (j) General Knowledge

(C) Supervisor Stores:

- (a) Accounting of Stores including inventory control procedure
- (b) Storage & precautions of stores incl fire protection/fighting
- (c) Stock verification of stores
- (d) Maint of stock ledger
- (e) Security of Stores
- (f) Questions on Arithmetic
- (g) General Knowledge

(D) Supervisor Cipher:

- (a) Knowledge of cryptography
- (b) ASSU codes & hooks
- (c) Cipher machine
- (d) Cipher check and repeat procedure
- (e) Cipher /signal security
- (f) Handling of cipher docs
- (g) English
- (h) General Knowledge

(E) Hindi Typist:

- (a) Essay in English & Hindi 12th Std level
- (b) Sentences in Hindi & English
- (c) English & Hindi grammar
- (d) Letter writing in English
- (e) Letter writing in Hindi
- (f) Proverbs, idioms & phrases
- (g) Translation of passage from Eng to Hindi
- (h) Questions on Arithmetic
- (j) General Knowledge

(F) Operator (Communication):

- (a) Inspection of tele communication equipments
- (b) Maint & repair of tele communication equipments
- (c) Installation of carrier tele communication equipments
- (d) Wireless and line theory
- (e) Questions on condensers and valve theory
- (f) Propagation of Wireless waves
- (g) Transmitter and receiver
- (h) Power supply system
- (j) Exchange switch boards
- (k) Maint of records
- (l) English (10th Std)
- (m) General Knowledge

(G) Electrician:

- (a) Wiring of all types of vehs/eqpt including house wiring
- (b) Charging batteries
- (c) Maintenance of elect machinery held in Workshop
- (d) Simple electrical calculations
- (e) Measuring and testing instruments
- (f) Electrical motors and generations
- (g) General Knowledge

(H) Welder:

- (a) Questions of Gas welding
- (b) Questions of Arc welding
- (c) Operation & Maintenance of welding equipments
- (d) Equipments used in welding
- (e) Safety precautions
- (f) General Knowledge

(I) Multi Skilled Worker (Black Smith):

- (a) Question of mensuration
- (b) Making of iron mongery
- (c) Riveting

- (d) Preparation of cylinders / cones from MS/GO sheets, copper, brass & tin plates
- (e) Knowledge of tools
- (f) Safety precautions
- (g) General Knowledge

(J) **Multi Skilled Worker (Cook):**

- (a) Preparation of procedure & different types of ingredients used with quantity mentioned against each, for preparation of Indian, South Indian, Mughalai, Hyderabad, Chinese & Continental dishes :-
 - (i) Veg dishes
 - (ii) Non-Veg
 - (iii) Sweet dish
- (b) Preservation of food
- (c) Washing/cleaning of Utensils
- (d) General Knowledge

25. **Practical Test/Skill Test.** Trade test is conducted at GREF Centre or any other centre, minimum 40% marks are required to qualify and is applicable for following posts only:

- (A) **Hindi Typist:** Typing test @ 30 words per minute in Hindi on Computer (passing criteria)
- (B) **Operator (Communication):**
 - (a) Identification of eqpts
 - (b) Use of standard eqpts
 - (c) Minor trouble shooting
 - (d) Electrical connection / required wiring
 - (e) Generator / power back knowledge/ operation
- (C) **Electrician:**
 - (a) Making of joints & fixing of switch boards switches/ MCBs etc
 - (b) Identification of electrical components of Veh/Eqpts/Plant
 - (c) Identification of tools, eqpts
- (D) **Welder:**
 - (a) Arc welding operation
 - (b) Gas welding operation
 - (c) Identification of equipments/material used for welding
- (E) **Multi Skilled Worker (Black Smith):**
 - (a) Denting work
 - (b) Application of gauge & measuring instrument
 - (c) Preparation of dice
 - (d) Preparation of different shapes from available material

(e) Safety precaution

(F) **Multi Skilled Worker (Cook):**

- (a) Chopping/cutting of vegetables
- (b) Identification of spices
- (c) Cleaning of Utensils
- (d) Knowledge of cleanliness of working place
- (e) Finishing/garnishing/decoration/beautification/flavoring of food

26 **Pay Scale:**

- (a) Draughtsman : Pay Level 5 (Rs 29200-92300)
- (b) Supervisor (Administration) : Pay Level 4 (Rs 25500-81100)
- (c) Supervisor Stores : Pay Level 4 (Rs 25500-81100)
- (d) Supervisor Cipher: Pay Level 4 (Rs. 25,500-81,100).
- (e) Hindi Typist: Pay Level 2 (Rs. 19,900-63,200).
- (f) Operator (Communication): Pay Level 2 (Rs. 19,900-63,200).
- (g) Electrician: Pay Level 2 (Rs. 19,900-63,200).
- (h) Welder: Pay Level 2 (Rs 19,900-63,200).
- (i) Multi Skilled Worker (Black Smith): Pay Level 1 (Rs 18,000-56,900)
- (j) Multi Skilled Worker (Cook) : Pay Level 1 (Rs 18,000-56,900)

Mode of Selection

27. SC, ST, OBC, EWS and PwBD candidates, who are selected on their own merit without relaxed standards, will not be adjusted against the reserved share of vacancies. Such candidates will be accommodated against the General/ Unreserved vacancies in the post as per their position in the overall merit or vacancies earmarked for their category, whichever is advantageous to them. The reserved vacancies will be filled up separately from amongst the eligible SC, ST, OBC, EWS and PwBD candidates.

28. SC, ST, OBC, EWS and PwBD candidates who qualifies on the basis of relaxed standards viz. age limit, experience or qualifications, permitted number of chances, extended zone of consideration, etc, irrespective of his/ her merit position, is to be counted against reserved vacancies and not against unreserved vacancies. Such candidates may also be recommended at the relaxed standards to the extent of number of vacancies reserved for them, to make up for the deficiency in the reserved quota, irrespective of their rank in the order of merit. In so far as cases of Ex-Serviceman are concerned, deduction of the military service rendered from the age of ex servicemen is permissible against the reserved or unreserved posts and such exemption will not be termed as relaxed standards in regard to age. Similarly for PwBD candidates, relaxation of 10 years in upper age limit will not be termed as relaxed standards.

29. Success in the examination confers no right of appointment unless Government is satisfied after such enquiry as may be considered necessary that the candidate is suitable in all respects for appointment to the service/ post.