

Plan of Written Examination

All the aspirants are informed as under with respect to the written test to be conducted for the recruitment of Carpenter (Advt. No.09 of 2024) :-

1. The Exam will be conducted in MCQ (Multiple Choice Questions) format. OMR sheets will be used for answering the questions.
2. The Exam would be of 2 hours 30 minutes duration.
3. The Exam will consist of two parts (Part A and Part B) as follows:-

(a) **Part A:-** Qualifying test of Punjabi Language equivalent to Matriculation standard as per Notification No. G.S.R.72 / Const. / Art.309/Amd.(22)/2022, dated:28.10.2022.

Part	Topic	No. of Questions	Marks (Each Question carries 1 mark)	Type of Questions
A	Punjabi (Qualifying Nature) (Annexure-1)	50	50	MCQs (Multiple Choice Questions)

Note:- (i) There will be no negative marking in Part-A.

(ii) Part 'B' will be evaluated only if a candidate scores minimum 50% marks (i.e 25 marks) in Part 'A'.

(b) **Part-B:-** Part-B will consist of two sub-sections i.e Section (I) and Section (II) as following:-

Part	Section	Topic	No. of Questions	Marks (Each Question carries 1 mark)	Type of Questions
B	(I)	Questions from General Knowledge and Current Affairs, Punjab History and Culture, Logical Reasoning and Mental ability, Punjabi, English, Information Technology/Computer (Annexure-2)	40	40	MCQs (Multiple Choice Questions)
	(II)	Questions from the Subject (Annexure-3)	60	60	
	Total		100	100	

Note:- (i) There will be negative marking in Part-B. Each question carries 1 mark. For every wrong answer, 1/4th mark i.e. 0.25 marks would be deducted. The question(s) not attempted will receive no credit or discredit.

(ii) The merit list of only such candidates, who qualify Part-'A', will be prepared on the basis of marks secured by candidate in Part-B.

(iii) Section (II) of Part B contains questions from the Trade/Subject related to the respective post.

4. Tentative syllabus for the written examination for the recruitment of Carpenter (Advt. No. 09 of 2024) is annexed at Annexure-1, 2 and 3.

Annexure-1

(Punjabi Syllabus)

Part-A (Punjabi Qualifying Exam)

1. ਜੀਵਨੀ ਅਤੇ ਰਚਨਾਵਾਂ ਨਾਲ ਸਬੰਧਤ ਪ੍ਰਸ਼ਨ:-
ਸ੍ਰੀ ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਜੀ, ਸ੍ਰੀ ਗੁਰੂ ਅੰਗਦ ਦੇਵ ਜੀ, ਸ੍ਰੀ ਗੁਰੂ ਰਾਮਦਾਸ ਜੀ,
ਸ੍ਰੀ ਗੁਰੂ ਅਰਜਨ ਦੇਵ ਜੀ, ਸ੍ਰੀ ਗੁਰੂ ਤੇਗ ਬਹਾਦਰ ਜੀ, ਸ੍ਰੀ ਗੁਰੂ ਗੋਬਿੰਦ ਸਿੰਘ ਜੀ।
2. ਵਿਰੋਧਾਰਥਕ ਸ਼ਬਦ, ਸਮਾਨਾਰਥਕ ਸ਼ਬਦ।
3. ਮੁਹਾਵਰੇ।
4. ਅਖਾਣ।
5. ਸਬਦ ਦੇ ਭੇਦ।
6. ਅਗੋਤਰ/ਪਿਛੇਤਰ।
7. ਵਚਨ ਬਦਲੇ ਤੇ ਲਿੰਗ ਬਦਲੇ।
8. ਵਿਸਰਾਮ ਚਿੰਨ੍ਹ।
9. ਸ਼ਬਦਾਂ / ਵਾਕਾਂ ਨੂੰ ਸੁੱਧ ਕਰਕੇ ਲਿਖੋ।
10. ਅੰਗਰੇਜ਼ੀ ਸ਼ਬਦਾਂ ਦਾ ਪੰਜਾਬੀ ਵਿੱਚ ਸੁੱਧ ਰੂਪ।
11. ਅੰਕਾਂ, ਮਹੀਨੇ, ਦਿਨਾਂ ਦਾ ਸੁੱਧ ਪੰਜਾਬੀ ਰੂਪ।
12. ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਨਾਲ ਸਬੰਧਤ ਪ੍ਰਸ਼ਨ।
13. ਪੰਜਾਬ ਦੇ ਇਤਿਹਾਸ ਨਾਲ ਸਬੰਧਤ ਪ੍ਰਸ਼ਨ।
14. ਪੰਜਾਬ ਦੇ ਸਭਿਆਚਾਰ ਨਾਲ ਸਬੰਧਤ ਪ੍ਰਸ਼ਨ।

Annexure-2

Part B- Section (I)

Sr. No.	Indicative Contents of Syllabus	Weightage (Approx.)
1	General Knowledge and Current affairs of National and International importance including: (i) Political issues, (ii) Environment issues, (iii) Current Affairs, (iv) Science and Technology, (v) Economic issues, (vi) Geography (vii) History of India with special reference to Indian Freedom Struggle Movement, (viii) Sports, (ix) Cinema and Literature.	10
2	Punjab History and Culture:- <i>Physical features of Punjab and its ancient history. Social, religious and economic life in Punjab. Development of Language & literature and Arts in Punjab, Social and culture of Punjab during Afgan/Mughal Rule, Bhakti Movement, Sufism, Teachings/History of Sikh Gurus and Saints in Punjab. Adi Granth, Sikh Rulers, Freedom movements of Punjab.</i>	5
3	Logical Reasoning & Mental Ability: (i) Logical reasoning, analytical and mental ability.(05 Marks) (ii) Basic numerical skills, numbers, magnitudes, percentage, numerical relation appreciation. (03 Marks) (iii) Data analysis, Graphic presentation charts, tables, spreadsheets. (02 Marks)	10
4	English:- <i>Basic Grammar, Subject and Verb, Adjectives and Adverbs, Synonyms, Antonyms, One Word Substitution, Fill in the Blanks, Correction in Sentences, Idioms and their meanings, Spell Checks, Adjectives, Articles, Prepositions, Direct and Indirect Speech, Active and Passive Voice, Correction in Sentences, etc.</i>	5
5.	ਪੰਜਾਬੀ:- ਸੁੱਧ-ਅਸੁੱਧ, ਸ਼ਬਦਜੋੜ, ਅਗੇਤਰ ਅਤੇ ਪਿਛੇਤਰ, ਸਮਾਨਾਰਥਕ/ਵਿਰੋਧੀਸ਼ਬਦ, ਨਾਂਵ, ਪੜਨਾਂਵ ਅਤੇ ਕਿਰਿਆ ਦੀਆਂ ਕਿਸਮਾਂ ਤੇ ਸਹੀ ਵਰਤੋਂ, ਲਿੰਗ ਅਤੇ ਵਚਨ, ਪੰਜਾਬੀ ਅਖਾਣ ਤੇ ਮੁਹਾਵਰੇ, ਅੰਗਰੇਜ਼ੀ ਤੋਂ ਪੰਜਾਬੀ ਅਨੁਵਾਦ ਅਤੇ ਬਹੁਤੇ ਸ਼ਬਦਾਂ ਦੀ ਥਾਂ ਇੱਕ ਸ਼ਬਦ ਆਦਿ।	5
6	Information Technology/Computer:- <i>Basics of computers, Network & Internet, Use of office productivity tools Word, Excel, Spreadsheet & PowerPoint.</i>	5
	Maximum Marks	40

Carpenter Trade Syllabus

Sr. No.	Title
a.	Safety Precautions, Hand Tools and Timber
1	Introduction of carpentry trade.
2	Introduction of timber and growth of trees.
3	Common Indian Timbers.
4	Introduction of carpentry hand tools. Work holding devices. Hand operated portable tools. Type of bench vice and their uses.
5	Introduction of different saws and their uses.
6	Introduction portable power circular saw machine and its uses.
7	Saw sharpening and re-sharpening tools.
8	Boring tools.
9	Portable electrical drilling machine. Hand auger.
10	Wood working planes
11	Using of marking gauge.
12	Checking flatness and twistness of surface, using winding strip.
13	Sharpening and grinding angle of cutter.
14	Portable power planer.
15	Different type of chisels.
16	Necessity of grinding and sharpening.
17	Striking tools - Hammers and mallets.
b.	Framing, Housing, Dovetail, Broadening & Lengthening Joints
1	Seasoning of timber.
2	Characteristics of wood, physical and mechanical properties of wood.
3	Classification of wooden joints. Different type of housing joints and uses.
4	Dovetail joints and their function, uses. Broadening joint.
5	Preservation of timber.
6	Glues, types and their uses.
7	Method of dowel application.
8	Advantage of adhesives use and their types.
9	Lengthening joints, types and applications.
c.	Simple Furniture Making
1	Veneers. Plywood, types and advantage.
2	Application of hard board, Insulation board, block board and laminated board.
3	Portable power disc sander machine.
4	Wooden partition.
5	Door frame. Door and window panels. Calculation of timber required for stool.
6	Timber used in furniture work. Properties and characteristics of different furniture wood.
7	Conversion of timber.
8	Design of Wooden wall unit used in bed room, dining hall, library, Office and workshop class room.
9	Uses of joint for small table. Nails and screws, types and uses. Types and uses of hinges. Lock hinges hasp and staple. Other types of fitting.

d.	Wood Carving
1	Description of different carving tools .
e.	Wood Finishing
1	Paints and its ingredients and agents. Preparation of surface for staining. Uses of different grade sand pape.
2	Preparation of putty. French polish. Method of applying wax polish.
3	Estimation process of wooden furniture.
f.	Advanced Wood Working Machine
1	Band saw machin. Personal protective equipment (PPE) for band saw machine.
2	Band saw machine - Operation. Safety precaution, care & maintenance of band saw machine.
3	Circular saw machine. Function of circular saw machine. Different types of circular saw blades and uses. Safety precaution, care & maintenance of circular saw machine. Portable power circular saw machine - Operation.
4	Planing machine. Surface/Thickness planer-operation, safety, care and maintenance.
5	Pedestal grinding machine. Safety precaution, PPE, care and maintenance in pedestal grinding machine.
6	Pedestal drilling machine. Types drill bits used in drill machine.
7	Wood turning lathe. Safety precaution and PPE for wood turning lathe. Types and applications of wood turning chisels.
8	Mortise machine.
9	Safety precaution, PPE, care and maintenance in mortising machine.
10	Calculation of timber - Weight, area and volume.
11	Types of sanding machine. Safety precaution and PPE for sanding machine.
g.	Modular kitchen
1	Introduction of modular kitchen.
2	Modular kitchen making hand tools machineries and uses.
3	Characteristics and applications of different modular kitchen material.
4	Modular kitchen assemble procedure.
5	Application of modular kitchen accessories and hardware's and different types of timber.
6	Types of modular kitchen dressing (Finishing).
7	Application of sunmica in different colour contrast in modular kitchen.
h.	Basic Fitting
1	General safety in fitting shop, marking and cutting tools.
2	Types of drill bits, counter boring tool, taps and dies.
3	Threaded fasteners - Machine screws, bolts, nuts and washers.
i.	Modular furniture
1	Introduction of modular furniture.
2	Different modular furniture hand tools and machineries and application.
3	Modular furniture assemble procedure.
4	Application of modular furniture hardware and different types of timber used.
5	Types of modular furniture dressing (Finishing) and application of sunmica in different colour contrast.

j.	Building Construction - Wood, Aluminium and PVC
1	Introduction to building construction.
2	Types of doors. Types of panel doors. Window frame and shutter.
3	Roofs and trusses. The king post truss. The queen post truss.
4	Description of aluminium. Specification of different aluminium section. Use of screws in aluminium section.
5	Fibre glass. PVC doors.
6	Removing old painting and repainting. New painting on furniture.
7	Wooden floors.
8	Basic principal of repairing work.
9	Use of nails, screws, bracket, angle plates, anchors and bolts.
10	Estimate of carpentry product.
11	Laser measuring tools.