

ORDNANCE PARACHUTE FACTORY KANPUR
DIRECT RECRUITMENT PROCESS : OPF/DR/2014A

SCHEME & SYLLABUS
STORE KEEPER

Scheme of the Written Examination

The written examination will consist of one objective type paper as shown below :

Part	Subject	Max. Marks	Number of Questions	Total Duration/ Timings
I	General Intelligence (Objective Type Multiple Choice Questions)	50	50	2 Hours
II	English language(Basic Knowledge) (Objective Type Multiple Choice Questions)	50	50	
III	Quantitative Aptitude(Basic Arithmetic Skill) (Objective Type Multiple Choice Questions)	50	50	
IV	General Awareness(Objective Type Multiple Choice Questions)	50	50	

NOTE -I : The question will be set both in English & Hindi for Part-I, III & IV.

NOTE-II : There will be negative marking of 0.25 marks for each wrong answer.

Syllabus of the Written Examination

General Intelligence

1.	Semantic Analogy	16.	Space Orientation
2.	Symbolic/Number Analogy	17.	Venn Diagrams
3.	Figural Analogy	18.	Drawing inferences
4.	Semantic Classification	19.	Punched hole/pattern-folding & unfolding
5.	Symbolic/Number Classification	20.	Figural Pattern – folding and completion
6.	Figural Classification	21.	Indexing
7.	Semantic Series	22.	Address matching
8.	Number Series	23.	Data and City matching
9.	Figural Series	24.	Classification of centre codes/roll numbers
10.	Problem Solving of 12 th Standard	25.	Small & Capital Letters/Number-coding, decoding and classification
11.	Word Building	26.	Embedded figures
12.	Coding and de-coding	27.	Critical Thinking
13.	Numerical operations	28.	Emotional Intelligence
14.	Symbolic operations	29.	Social Intelligence
15.	Trends	30.	Other sub-topics, if any

English Language

1.	Spot the Error
2.	Fill in the Blanks
3.	Synonyms
4.	Antonyms
5.	Spellings/Detecting Mis-spelt words
6.	Idioms & Phrases
7.	One word substitution
8.	Improvement of Sentences
9.	Active/Passive Voice of Verbs
10.	Conversion into Direct/Indirect narration
11.	Shuffling of Sentence parts
12.	Shuffling of Sentences in a passage
13.	Cloze Passage
14.	Comprehension passage

ORDNANCE PARACHUTE FACTORY KANPUR
DIRECT RECRUITMENT PROCESS : OPF/DR/2014A

~ : 2 : ~

Numerical Aptitude

1. Arithmetic	a. Number Systems : Computation of Whole Number Decimal and Fractions Relationship between Numbers
	b .Fundamental Arithmetical Operations : Percentages Ratio and Proportion Square roots Averages Interest (Simple and Compound) Profit and Loss Discount Partnership Business Mixture and Alligation Time and distance Time and work
2. Algebra	Basic algebraic identities of School Algebra (and their simple applications) e.g. Formulas for $(a+b)^2$, $(a-b)^2$, $(a+b)^3$, $(a-b)^3$, a^3-b^3 , a^3+b^3 , a^2-b^2 ; if $a+b+c=0$, then $a^3+b^3+c^3=3 abc$ etc. and Elementary surds(simple problems) Graphs of Linear Equations.
3. Geometry	Familiarity with elementary geometric figures and facts : Triangle and its various kinds of centres Viz. centroid, In-centre, Ortho centre, Circumcentre congruence and Similarity of triangles Circle and its chords, tangents, angles subtended by chords of a circle, Common tangents to two or more circles.
4. Mensuration	Triangle, Quadrilaterals Regular Polygons(sum of the internal angles of a polygon) Circle Right Prism Right Circular Cone Right Circular Cylinder Sphere, Hemispheres Rectangular Parallelepiped Regular Right Pyramid with triangular or square base
5. Trigonometry	Trigonometry (for acute angles θ° with $0^\circ \leq \theta \leq 90^\circ$) Trigonometric ratios Degree and Radian Measures, Standard Identities like $\sin^2\theta + \cos^2\theta=1$ etc., Complementary Angles, Heights and Distances (simple problems only).
6. Statistical Charts	Use of Tables and Graphs : Histogram Frequency Polygon Bar-diagram

**ORDNANCE PARACHUTE FACTORY KANPUR
DIRECT RECRUITMENT PROCESS : OPF/DR/2014A**

~ ~ ~ 3 ~ ~ ~

General Awareness : Questions are designed to test the ability of the candidate's general awareness of the environment around him and its application to society. Questions are also designed to test knowledge of current events and of such matters of everyday observation and experience in their scientific aspect as may be expected of an educated person. The test will also include questions relating to India and its neighbouring countries especially pertaining to History, Culture, Geography, Economic Scene, General policy and scientific research.

NOTE 1 : The questions will be of the level to commensurate with Educational Qualification prescribed for the post i.e. 12th standard.

NOTE 2 : Resolution of tie cases (Tie cases i.e. more than one candidate secure equal marks in the written examination, the same will be resolved by applying one after another, as applicable till the Tie is resolved).

- i) Date of Birth, with older candidate placed higher.
- ii) Alphabetical order in which the first names of the candidates appear.

**TO SAVE/PRINT THIS DOCUMENT,
USE SAVE/PRINT COMMAND
ON YOUR COMPUTER**