

According to the Revised Syllabus

 UPKAR'S

**RPF/RPSE**

**CONSTABLES**

**RECRUITMENT EXAM.**



Dr. LAL & JAIN



**UPKAR'S**

**RPF/RPSF**

**CONSTABLES**

**Recruitment Exam.**

*(According to the Revised Syllabus)*

*By*

*Dr. Lal & Jain*

**UPKAR PRAKASHAN, AGRA-2**

## Introducing Direct Shopping

*Now you can purchase from our vast range of books and magazines at your convenience :*

- Pay by Credit Card/Debit Card or Net Banking facility on our website [www.upkar.in](http://www.upkar.in) OR
- Send Money Order/Demand Draft of the print price of the book favouring 'Upkar Prakashan' payable at Agra. In case you do not know the price of the book, please send Money Order/Demand Draft of ₹ 100/- and we will send the books by VPP (Cash on delivery).

*(Postage charges FREE for purchases above ₹ 100/-. For orders below ₹ 100/-, ₹ 20/- will be charged extra as postage)*

---

© Publishers

---

### Publishers

#### UPKAR PRAKASHAN

(An ISO 9001 : 2000 Company)

2/11A, Swadeshi Bima Nagar, AGRA-282 002

**Phone :** 4053333, 2530966, 2531101

**Fax :** (0562) 4053330, 4031570

**E-mail :** care@upkar.in

**Website :** www.upkar.in

### Branch Offices

4845, Ansari Road,  
Daryaganj,

**New Delhi**—110 002

**Phone :** 011-23251844/66

1-8-1/B, R.R. Complex (Near Sundaraiah Park,  
Adjacent to Manasa Enclave Gate),

Bagh Lingampally, **Hyderabad**—500 044 (A.P.)

**Phone :** 040-66753330

Pirmohani Chowk,  
Kadamkuan,

**Patna**—800 003

**Phone :** 0612-2673340

- *The publishers have taken all possible precautions in publishing this book, yet if any mistake has crept in, the publishers shall not be responsible for the same.*
- *This book or any part thereof may not be reproduced in any form by Photographic, Mechanical, or any other method, for any use, without written permission from the Publishers.*
- *Only the courts at Agra shall have the jurisdiction for any legal dispute.*

ISBN : 978-81-7482-470-7

---

**Price :** ₹ 130/-

**(Rs. One Hundred Thirty Only)**

---

**Code No. 880**

---

**Printed at :** UPKAR PRAKASHAN (Printing Unit) Bye-pass, AGRA

---

---

# Contents

---

● Solved Model Paper

## Part-I

General Knowledge .....	1-48
General Science .....	1-16

## Part-II

General Intelligence.....	1-64
---------------------------	------

## Part-III

Arithmetic.....	1-48
-----------------	------

## General Information Regarding Exam.

### ● ELIGIBILITY

(a) **Citizenship** : The applicant must be a citizen of India.

(b) **Education** : The applicant must have passed the Matriculation or equivalent examination conducted by a recognized Board. Educational qualification obtained from institutions other than a recognized State Board or Central Board should be submitted along with Government of India notification declaring that such educational qualification is equivalent to matriculation /Xth Class for employment under Central Government.

(c) **Age** : The applicant must not be less than 18 years and not more than 25 years. Age mentioned in the Matriculation or an equivalent certificate will only be accepted.

(d) **Relaxation in Age** : (i) Relaxation in upper age limit up to 5 years will be admissible to SC/ST and up to 3 years to OBC candidates. (ii) Upper age up to 5 years is also relaxable for those persons who had ordinarily been domiciled in the Kashmir Division of the State of J & K during the period from 1st January, 1980 to 31st December, 1989. The applicants claiming relaxation under this category must produce a certificate to this effect from the District Magistrate within whose jurisdiction they had ordinarily resided or from any other authority designated in this behalf by the Government of J & K. (iii) Relaxation in upper age limit to the extent of defence service plus 03 years is applicable to Ex-servicemen provided break in service and re-employment should not exceed 02 years and they must have put in at least 06 months after attestation.

(e) **Physical Standard** : An applicant must have the following physical standards :

Category	Height-Male (cm)	Chest unexpanded-Male (cm)	Chest expanded-Male (cm)*	Height-Female (cm)
UR/OBC	165	80	85	157
SC/ST	160	76.2	81.2	152
Hillman**	163	80	85	155

\* A minimum expansion of 5 cm in chest is essential.

\*\* For Garhwalis, Gorkhas, Kumaonese, Dogras, Marathas, persons hailing from Himachal Pradesh, Sikkim, Ladakh, Kashmir Valley and North Eastern States subject to production of Domicile certificate from the District Magistrate/SDM/Tehsildar and other categories specified by Government from time-to-time

### ● METHOD OF RECRUITMENT

Recruitment will be made based on the performance of the eligible applicants in a Written Examination, Physical Efficiency Test, Physical Measurement, Viva-Voce Test, Bonus Marks, if any, obtained and Documents Verification.

#### A. Written Examination :

(a) The Written Examination will consist of 120 multiple-choice objective type questions of one mark each and shall be of 90 minutes duration. The question paper will be of matriculation standard with 120 as maximum marks. The question paper will consist of 35 questions on General Intelligence and Reasoning, 35 questions on Arithmetic and 50 questions on General Awareness. Candidates will be required to answer all the questions. Each correct answer will be awarded one

mark and one mark will be deducted for 4 incorrect answers. No mark shall be awarded or deducted for questions not attempted.

(b) Candidates must bring the Call Letter at the time of written test. Call letter will be sent by post. No one will be allowed to appear in the written examination without a call letter.

(c) Question Paper will be set in the languages shown in the third column of the table given below. The corresponding Nodal Chief Security Commissioner to whom the application should be sent is also shown in the table. Applicants who wish to have the question paper in a particular language may indicate so in the Application Form. Language, once chosen cannot be changed under any circumstance.

Group	Nodal Chief Security Commissioner	Languages
1	North Eastern Railway Gorakhpur, U.P.	Hindi, English, Urdu, Punjabi, Gujarati.
2	Eastern Railway, Kolkata.	Hindi, English, Urdu, Assamese, Mainipuri, Bengali, Oriya.
3	East Coast Railway, Bhubaneswar	Hindi, English, Urdu, Oriya, Telugu, Marathi, Gujarati.
4	Southern Railway, Chennai.	Hindi, English, Urdu, Tamil, Malayalam, Telugu, Kannada, Konkani, Marathi.

(d) The call letter will contain the date, place, venue and time of the examination and other instructions, if any on this subject.

(e) A candidate must obtain at least 35% marks (30% in the case of SC and ST candidates) in the Written Examination for being considered for other Test/Tests.

**(B) Physical Efficiency Test (PET) and Physical Measurement :**

(a) PET will consist of the three events namely, 1600 m/800 m run, High Jump and Long Jump. A candidate has to qualify in all the three events as shown in the table given below. No marks shall be awarded to any of the events. The minimum qualifying standard for each event is specified as under :

Event	Male	Female	Number of Chances
1600 metres	5 min. 45 sec	Not applicable	One
800 metres	Not applicable	3 min. 40 sec	One
High Jump	3 feet 9 inches	3 feet	Two
Long Jump	14 feet	9 feet	Two

Only those applicants who qualify in the Written Examination shall be called for PET and Physical Measurement. The manner in which the candidates are to be called and the number of candidates to be called for PET and Physical Measurement will be decided in such a way that candidates, to the extent of three times the number of notified vacancies in each category, are selected purely on the basis of merit to appear for viva-voce and documents verification.

(b) For the sake of convenience, 1600 m/800 m run will be held first. Applicants qualifying in this event will take part in the remaining events of PET. Height and chest of those who qualify in the PET will be measured next. Applicants, who fail in any of the events of the PET or in physical measurement, either of height or chest, will be declared 'fail' and shall be escorted out of the venue after putting an indelible ink mark on the index finger of the left hand. Their call letters will not be returned.

(c) PET will be held at a place and on a date decided by the respective Nodal Chief Security Commissioner. The applicants will be informed of the same in advance.

(d) There will be no PET for Ex-Servicemen.

(e) The call letter for PET will give further instructions, if any, on this subject.

## ● VIVA-VOCE AND DOCUMENTS VERIFICATION

(a) Candidates who qualify in the PET and Physical Measurement will be called for a Viva-Voce Test and Documents Verification. However, the number of candidates called for Viva-Voce and Documents Verification shall not exceed three times the number of notified vacancies in each category. The candidates must produce all original documents in support of their educational qualification, age, SC/ST/OBC status, where applicable (on the format prescribed in the advertisement), domicile and any other extra curricular activities including NCC at the time of Viva-Voce and documents verification. Request for production of the original documents on a later day will not be entertained under any circumstance. Failure to produce the document may lead to disqualification of the candidate.

(b) The purpose of the Viva-Voce Test is to determine the general intelligence, awareness, alertness and soldierly traits and to assess the overall suitability of the applicant for employment in the Railway Protection Force. Personal appearance in the Viva-Voce Test is compulsory. Those who fail to do so will not be considered in the final selection irrespective of their performance in the Written Examination.

(c) Maximum mark for the Viva-Voce Test is 5.

(d) Bonus marks (Maximum 5) :

(I) **NCC** : B-Certificate of NCC — 01 mark  
C-Certificate of NCC — 02 marks

Maximum mark for NCC certificates is 02.

Benefit is available only on production of Original Certificate. This benefit is not available to Ex-Servicemen.

(II) **Sports** : Represented University at inter-university sports — 01 mark  
Represented State at inter-state sports — 02 marks  
Represented India at international sports meet — 03 marks  
Medal winner at national level sports meet — 03 marks

(III) **Height** : A male applicant whose height is 178 cm or more and a female applicant whose height is more than 165 cm will be given 03 marks as bonus.

(IV) Total Bonus Marks for all categories put together shall not exceed 5.

(e) The call letter for the Viva-Voce test will contain further instructions, if any, on this subject.

## ● MEDICAL EXAMINATION

The applicants who are finally selected will be sent for a medical examination at a Railway Hospital. They will have to qualify in medical category ' B-1 ' as per the Indian Railway Medical Manual. Those wearing glasses or having flat foot, knock-knee, squint eye, colour blindness and other bodily defects are not eligible for appointment.

## ● TRAINING

The candidates will have to undergo a rigorous initial training in any one of the RPF/RPSF Training Centres or any such Institution as decided by the Railway Administration in the event of their selection. The trainee recruits will be given stipend plus other allowances as admissible under the Railway Rules during the period of training. Passing the Final Examination at the end of the training is a must.

---

---

---

**RPF/RPSF**  
**Constable Recruitment Exam.**  
**Solved Model Paper**

---

---

## Solved Model Paper

1. If ‘-’ means addition, ‘+’ means subtraction, ‘×’ means division and ‘÷’ means multiplication, then—

$$7 - 10 \times 5 \div 6 + 4 = ?$$

- (A) 3                      (B) 12  
(C) 15                     (D) 9

2. A is B’s brother, C is A’s mother, D is C’s father, B is D’s granddaughter. How is B related to F who is A’s son ?

- (A) Aunt                  (B) Cousin  
(C) Niece                (D) Grand aunt

3. If GECA means 8642, then HFBD means—

- (A) 9735                 (B) 7953  
(C) 7935                 (D) 5379

**Directions—**(Q. 4–6) From the given alternative words, select the word which *cannot* be formed using the letters of the given word.

4. COMPLETION

- (A) COME                (B) TEN  
(C) TEA                  (D) LION

5. EXPERIENCE

- (A) PIECE                (B) EXPERT  
(C) RIPE                 (D) PEN

6. EXAMINATION

- (A) ANIMATION  
(B) NATION  
(C) MINT  
(D) NOTION

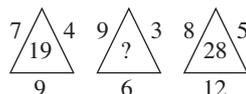
**Directions—**(Q. 7–8) Select the missing number from the given responses.

7.

?	45 29
15 17	21

- (A) 8                      (B) 10  
(C) 14                    (D) 16

8.



- (A) 27                      (B) 21  
(C) 28                      (D) 17

**Directions—**(Q. 9 and 10) Arrange the following in a logical order starting from the smallest.

9. 1. Ocean    2. Sea    3. Pond    4. River

- (A) 3, 1, 4, 2              (B) 3, 4, 2, 1  
(C) 1, 4, 2, 3              (D) 2, 4, 3, 1

10. 1. Centi    2. Deca    3. Kilo    4. Deci

- (A) 4, 1, 3, 2              (B) 2, 3, 4, 1  
(C) 1, 4, 2, 3              (D) 4, 2, 3, 1

**Directions—**(Q. 11–12) A series is given with one term missing. Choose the correct alternative from the given ones that will complete the series.

11. XYZ, ABC, UVW, DEF, RST, GHI, ...?...

- (A) UVW                  (B) URL  
(C) OPQ                  (D) NOP

12. 7, 16, 27, 40, 55, ...?...

- (A) 70                      (B) 72  
(C) 81                      (D) 66

**Directions—**(Q. 13–16) Select the one which is different from the other three responses.

13. (A) Happiness            (B) Honesty

- (C) Deceive                (D) Truth

14. (A) BCUV                (B) WXRS

- (C) MNTU                (D) JLGI

15. (A) 65                      (B) 85

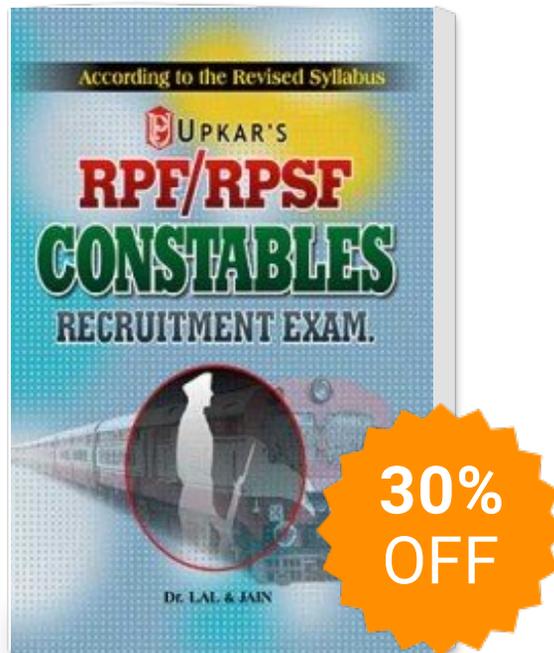
- (C) 35                      (D) 25

16. (A) 10–60                (B) 30–90

- (C) 40–240                (D) 20–120

- Directions**—(Q. 17–20) Select the related word/letters/number/figure from the given alternatives.
17. Poet : Poem :: Dramatist : ?  
 (A) Dialogue (B) Stage  
 (C) Play (D) Direction
18. Handsome : Beautiful :: Man : ?  
 (A) Charming (B) Man  
 (C) Woman (D) She
19. AC : CF :: MO : ?  
 (A) OQ (B) PQ  
 (C) QR (D) OR
20. BCD : GFE :: HIJ : ?  
 (A) KLM (B) MLK  
 (C) MKL (D) LMK
21. In a certain code 'CAREFUL' is written as 'SBDDMVG'. How is 'SECURED' written in that code ?  
 (A) DFTVEFS (B) DFTTEFS  
 (C) BDRTEFS (D) DFTTCDQ
22. How many such pairs of digits are there in the number 935126 each of which has as many digits between them in the number as when the digits are rearranged in descending order within the number ?  
 (A) One (B) Two  
 (C) Three (D) More than three
23. W walked 30 metres towards North, took a left turn and walked 20 metres. He again took a left turn and walked 30 metres. How far is he from the starting point ?  
 (A) 50 metres  
 (B) 80 metres  
 (C) Cannot be determined  
 (D) None of these
24. Among P, Q, R, S and T each having a different weight, R is heavier than only T. P is lighter than only S. Who among is the third heaviest ?  
 (A) Q  
 (B) R  
 (C) S  
 (D) Data inadequate
25. Pointing to a boy, Rina said, "He is the only child of my father's only brother". How is the boy related to Rina ?  
 (A) Brother (B) Cousin brother  
 (C) Uncle (D) Data inadequate
26. How many such pairs of letters are there in the word CHANGES each of which has as many letters between them in the word as in the English alphabet ?  
 (A) None (B) One  
 (C) Two (D) Three
27. Each even digit in the number 8795342 is replaced by the next higher digit and each odd digit is replaced by the previous lower digit and the digits so obtained are rearranged in ascending order. Which of the following will be the third from the left end after the rearrangement ?  
 (A) 2 (B) 6  
 (C) 5 (D) 4
28. If it is possible to make only one meaningful English word with the second, the fourth, the seventh and the ninth letters of the word ADMINISTER using each letter only once in each word, which of the following will be the third letter of that word ? If no such word can be made, give 'X' as the answer and if more than one such word can be made, give 'Y' as the answer.  
 (A) I (B) E  
 (C) X (D) Y
29. Sudha correctly remembers that her mother's birthday is after fourteenth April but before nineteenth April whereas her brother correctly remembers that their mother's birthday is before sixteenth April but after twelfth April. On which date in April was definitely their mother's birthday ?  
 (A) Fourteenth (B) Fifteenth  
 (C) Sixteenth (D) Data inadequate
30. What should come next in the following number series ?  
 9 8 7 6 5 4 3 2 1 9 8 7 6 4 3 2 1 9 8 7 6 4 3 2 9  
 8 7  
 (A) 6 (B) 4  
 (C) 1 (D) 5

# RPF RPSF Constables Recruitment Exam



Publisher : **Upkar Prakashan**

ISBN : 9788174824707

Author : **Dr Lal and Jain**

Type the URL : <http://www.kopykitab.com/product/4569>



**Get this eBook**