



Government of Goa

DEPARTMENT OF HOME (GENERAL)
SECRETARIAT
Porvorim – Goa



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No. 3/9/2013-HD(G) 13277

Dated: 30/09/2013

NOTIFICATION

Government of Goa hereby prescribes the syllabus for the Competitive Examination for direct recruitment to the post of Sub-Officer, Driver Operator, Watch Room Operator and Fire Fighter in the Directorate of Fire & Emergency Services, Panaji- Goa, as indicated in the Annexure hereto.

By order and in the name of
the Governor of Goa

(Harish N. Adconkar)
Under Secretary (Home)

Encl: Annexure appended.

11/10/13

19/c

ANNEXURE

SYLLABUS

**Syllabus for Written Examination Paper to the post of Sub-Officer in the
Directorate of Fire and Emergency Services, Panaji Goa.**

Maximum Marks : 100

Duration : 2 hours

(The Written Test Marks out of 100 has been given a weightage of 85% for assessing the overall suitability. 15% weightage is given for performance in the oral Interview.)

PART-A : 50 Marks

Mathematics

- (i) Basic arithmetical calculation, Ratio, Proportion, ----- 15 Marks
Percentage.
- (ii) Measurement of capacity of Tanks, Calculation of ----- 10 Marks
Area, Volume and Pressure.

Science

- (i) Questions on Basic Scientific awareness ----- 10 Marks
- (ii) Chemical Reactions, Spontaneous Combustion, ----- 15 Marks
Transmission of Heat, Properties and Hazards
including Acids & Alcohol, Common Gases and
their Fire Hazards.

Cont...2/-

18/c

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PART-B : 50 Marks

General English and General Knowledge

General English

- (i) Basic knowledge of English usage/Framing of Sentences/using idioms and phrases/comparison of similar sounding words/Meaning of commonly used terms. ----- 10 Marks
- (ii) Letter Writing (Formal and Informal Letters) ----- 5 Marks
- (iii) Paragraph Writing (100 words) ----- 5 Marks
- (iv) Essay writing (not more than 250 words) ----- 10 Marks

General Knowledge

- (i) Abbreviations & Expansion ----- 10 Marks
- (ii) Basic General Knowledge of State, National and International (U.N.) Affairs. ----- 10 Marks

Cont....3/-

17/c

**Syllabus for Written Examination Paper to the post of Fire Fighter in the
Directorate of Fire and Emergency Services, Panaji Goa.**

Maximum Marks : 100
Duration : 2 hours

(The Written Test Marks out of 100 has been given a weightage of 85% for assessing the overall suitability. 15% weightage is given for performance in the oral Interview.)

Mathematics

- (i) Percentage, Area, Square Root, Multiplication ----- 15 Marks
and Fractions.

Science

- (i) Questions on Basic Scientific awareness ----- 10 Marks

General English

- (i) Common Phrases and Idioms ----- 10 Marks
(ii) Correct Framing of Sentences ----- 5 Marks
(iii) Letter Writing ----- 5 Marks
(iv) Paragraph ----- 5 Marks
(v) Essay Writing (not more than 100 words) ----- 10 Marks
(vi) Comparison of similar sounding words ----- 10 Marks
(vii) Meaning of Sentences ----- 10 Marks

General Knowledge

- (i) Abbreviations & Expansion ----- 10 Marks
(ii) Basic General Knowledge of State and National
Affairs. ----- 10 Marks

Cont...4/-

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**Syllabus for Written Examination Paper to the post of Driver Operator in the
Directorate of Fire and Emergency Services, Panaji Goa.**

Maximum Marks : 100
Duration : 2 hours

(The Written Test Marks out of 100 has been given a weightage of 85% for assessing the overall suitability. 15% weightage is given for performance in the oral Interview.)

Mathematics

- (i) Percentage, Area, Square Root, Multiplication ----- 15 Marks
and Fractions.

Science

- (i) Questions on Basic Scientific awareness ----- 10 Marks

General English

- (i) Common Phrases and Idioms ----- 10 Marks
(ii) Correct Framing of Sentences ----- 5 Marks
(iii) Letter Writing ----- 5 Marks
(iv) Paragraph ----- 5 Marks
(v) Essay Writing (not more than 100 words) ----- 10 Marks
(vi) Comparison of similar sounding words ----- 10 Marks
(vii) Meaning of Sentences ----- 10 Marks

General Knowledge

- (i) Abbreviations & Expansion ----- 5 Marks
(ii) Basic General Knowledge of State and National
Affairs. ----- 5 Marks

Skilled Related Knowledge

- (i) Questions on Traffic Signals, Rules as per Motor ----- 5 Marks
Vehicle Act.
(ii) Knowledge of working of Automobile Engine ----- 5 Marks

Cont...5/-

**Syllabus for Written Examination Paper to the post of Watch Room Operator
in the Directorate of Fire and Emergency Services, Panaji Goa.**

Maximum Marks : 100
Duration : 2 hours

(The Written Test Marks out of 100 has been given a weightage of 85% for assessing the overall suitability. 15% weightage is given for performance in the oral Interview.)

Mathematics

- (i) Percentage, Area, Square Root, Multiplication ----- 15 Marks
and Fractions.

Science

- (i) Questions on Basic Scientific awareness ----- 10 Marks

General English

- (i) Common Phrases and Idioms ----- 10 Marks
(ii) Correct Framing of Sentences ----- 5 Marks
(iii) Letter Writing ----- 5 Marks
(iv) Paragraph ----- 5 Marks
(v) Essay Writing (not more than 100 words) ----- 10 Marks
(vi) Comparison of similar sounding words ----- 10 Marks
(vii) Meaning of Sentences ----- 10 Marks

General Knowledge

- (i) Abbreviations & Expansion ----- 5 Marks
(ii) Basic General Knowledge of State and National ----- 5 Marks
Affairs.

Skilled Related Knowledge

- (i) Basic Questions on Telecommunication & ----- 5 Marks
Wireless.
(ii) Communication Transmission System ----- 5 Marks
