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.
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, Percentage. ----- 15 Marks

(ii) Measurement of capacity of Tanks, Calculation of Area, Volume and Pressure. ----- 10 Marks

Science

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

(ii) Chemical Reactions, Spontaneous Combustion, Transmission of Heat, Properties and Hazards including Acids & Alcohol, Common Gases and their Fire Hazards. ----- 15 Marks
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/-
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/-
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.

Skilled Related Knowledge

(i) Questions on Traffic Signals, Rules as per Motor Vehicle Act. ----- 5 Marks
(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 and Fractions ----- 15 Marks

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.

Skilled Related Knowledge

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

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