

Educational (191 /) Department.

ORDINARY MS.

G.O., No. 568

DATED 15-8-1911.

[Despatch Abstract.]

Books and publications.

Communicating to the D.P.I.,
certain specimens of maps printed in
Hindustani and requesting him to
report whether they will be required
for use in this Presidency.

BACK PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

[E. & L.]
68
5,400-10-5-00.

EDUCATIONAL DEPARTMENT.

CURRENT FILE.

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From	Number.	Date.	Pages.
[1938] <i>Govt of I.</i>	1112	2-8-11	1 to 4

[P.T.O. FOR PUT UP PAPERS.]

PAPERS PUT UP WITH CURRENT No. _____

Papers of the department to which the current belongs.

Number.	Date.	Original (=O.) or spare copy (=S. C.)	Remarks. (In this column such of the papers as have been removed for copying, printing, etc., should be marked with a cross.)	Initials of Referencer with date in token of return to Reference department.

Papers of other departments.

Department.	Number.	Date.	Original (=O.) or spare copy (=S. C.)	Despatcher to note the return of the papers to the departments concerned.



No. 1112

FROM

THE HON'BLE MR. H. SHARP,

Joint Secretary to the Government of India,

TO

*The Secretary to the Government of Madras,
Education Department.*

Simla, the 2nd August 1911.

Department of Education,
(Education.)

SIR,

I am directed to forward, for the information of His
Excellency the Governor-in-Council, —
a copy of a letter, No. J.-157, dated the 7th June 1911, from the Director-General,
Survey Department, Egyptian Government, together with specimens of the maps
therein referred to.

I have the honour to be,

SIR,

Your most obedient servant,

W. Sharp.
Joint Secy. to the Government of India.

No. J-157, dated Giza (Mudiria), the 7th June 1911.

From—E. M. Dowson, Esq., Director-General, Survey Department, Egyptian Government,

To—The Secretary to the Government of India, in the Education Department, Simla.

This Department has almost finished the publication of a complete series of School Wall-maps with the writing wholly in Arabic which has been undertaken for the Egyptian Ministry of Education, and the demand which has been made for them by the public and by private educational bodies all over Egypt seems to indicate that the series is supplying a widely-felt want for School-maps with the writing in Arabic characters. It has been suggested to me that the series of maps might prove of use to your Department in India and I am therefore sending you herewith a short memorandum on the principles followed in the compilation of the maps together with a list of those already published or in hand. I would draw your attention specially to the fact that the writing on the maps is printed at one printing from a plate carrying the writing only so that, should it be desired to have the maps with the writing in any language other than Arabic, such as Hindustani, this could be easily arranged.

As is pointed out in the memorandum, the scale of 1:6,00,000 has been adopted as a basal scale, and areas the extent of which do not permit of their being mapped for Wall-maps on this scale have been mapped on twice, four times, and eight times the basal scale, e.g., Europe is mapped on 1:3,000,000; Western Europe and the British Isles on 1:1,500,000; and the British Isles on 1:750,000. Each map of the whole series is therefore readily comparable with any of the others.

I am sending you by this mail specimens of the maps of Africa (Political), of Europe (Physical), and of North America (Physical) to enable you to judge of the possible utility of the series to your Department, and, should it be thought that this series of School Wall-maps would be of use in India, I shall be very glad to supply you with any number of copies at a very reasonable rate.

The maps are usually supplied mounted in one piece on cloth, varnished and fitted with rollers, at 12 shillings a copy for single copies.

I have not had the specimens I send you mounted, as if mounted, they would be too large to send by parcels post.

In addition to the Wall-maps an Atlas in Arabic is also being compiled.

SURVEY DEPARTMENT.

MEMORANDUM ON THE SERIES OF SCHOOL WALL-MAPS IN ARABIC.

List of Maps Published.

Maps.	Scale.	Projections.		
		Rs.		
1. Africa (Political) ...	1:6,000,000	Sanson Flamsteed Equivalent.	Published	
2. Africa (Physical) ...	"	Sanson Flamsteed Equivalent.	"	
3. Asia (Political) ...	"	Equivalent ...	"	
4. Asia (Physical) ...	"	Asimuthal ...	"	
5. Mediterranean Basin (Commercial)	1:3,000,000	Conformal secant conical ...	"	

<i>Maps.</i>	<i>Scale.</i>	<i>Projections.</i>	
6. Western Europe and British Isles (Commercial).	1:1,500,000	Conformal asimuthal ...	Published
7. Europe (Political) ...	1:3,000,000	} Conformal secant conical	"
8. Europe (Physical) ...	"		
9. The Eastern Hemisphere (Physical).	...	} Airy's Projection ...	"
10. The Western Hemisphere (Physical).	...		
11. World (Commercial and Political)	...	Mercator's " ...	"
12. British Isles (Physical) ...	1:750,000	Rectangular polyconic ...	"
13. North America (Political) ...	1:6,000,000	} Simple polyconic ...	"
14. North America (Physical) ...	"		
15. South America (Political) ...	"	} Simple polyconic ...	"
16. South America (Physical) ...	"		
17. Australasia (Political) ...	"	Equivalent polyconic ...	In hand
18. The Basin of the Pacific Ocean...	"	Mercator ...	"

The scale of 1:6,000,000 has been adopted as a basal scale, the other maps being on scales which are multiples of 1:6,000,000. The maps have been kept as far as possible the same size and shape.

In general, preference has been given to equivalent (equal area) projections, since it was considered more essential to preserve the correct representation of the sizes of the various countries, but each case has been considered on its own merits, and, in some cases conservation of form appeared to be more important than conservation of area, and conformal projections are then employed; polyconic projections have become almost classical for the two Americas.

Two maps have been prepared of each continent, one Political and the other Physical. The former has many more names than the latter which is specially compiled to show the relief of the country. Each map has two insets. In the political series the insets are races, natural vegetation and density of population. Those in the Physical series are political inset and rainfall inset.

The possession of European Powers are coloured throughout the series the same as the country to which they belong.

In order to simplify the publication of these maps in any language, the name plates have been kept separate so that the maps can be supplied without any writing on them if necessary, and writing in any language could be reproduced from a carefully drawn up tracing.

Samples of the maps with Arabic writing or without any writing could be supplied on application.

Considerable care has been taken over the compilation of these maps and the latest authorities have been studied with a view to publishing them thoroughly up to date. As regards appearance, it will be found that they compare well with the latest publications of the leading English and Continental firms, and it is considered that the maps embody all the best characteristics of these publications together with some original features calculated to make the maps clear and attractive.

A special study has been made of the very peculiar difficulty of arranging

and spacing the Arabic writing. This is a matter which at first gave considerable trouble as the formations of the Arabic letters are so similar to the windings of the rivers and many portions of coast line, etc., which comprise the outline of the map that the two would frequently, at a short distance away, become barely distinguishable, the one from the other.

In the finished maps however it will be seen that these difficulties have been largely overcome, and quite a large number of names have been shown without overcrowding. The transliteration of the names into Arabic has been carried on throughout by special delegates appointed by the Egyptian Ministry of Education, whilst the compilation and printing have been entirely carried out in the offices of this Department.

(Sd.) E. M. DOWSON.

READ AGAIN G.O., No. _____, dated _____ 191

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READ ALSO:—

C. No. 1938, From the Govt of India, No. 1112, dated 2-8-1911

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ORDER

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No. 568, dated 15. 8. 1911

Communicated to the D.P.I.

for information and report whether any of the maps printed in Hindustani will be required for use in this Presidency.

7A.
13.8-11

$$\frac{7}{15.8}$$

To the D.D. also
with maps

When given for copying _____
 When copied _____
 When examined _____
 When signed _____

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READ AGAIN G.O., No. 191

DATED

CURRENT No.

ENCLOSURES TO C. No.

ORDER OF GOVERNMENT.

LETTER OF GOVERNMENT.

STATEMENT WITH DITO.

PAPERS NOT FILED UP, BEING MEANT FOR DISPATCH
 IN ORIGINAL.

A A A A A A A

N.B.—

A = Copy in full.
 B = Not to be copied.
 P = Copy abstract only.
 Q = Copy Heading only.