

ENVELOPE A-V: ON INDIAN SCIENCE AND TECHNOLOGY

1. (i) Correspondence of N.B.Edmonstone - Letters to his brother, W.A.Edmonstone: 1788, 1789, 1797, 1799.

-2 pages [Cambridge: Add Ms 7616: Correspondence of N.B.Edmonstone

(ii) Correspondence of David Anderson: 1770-1779

-5 pages [British Museum: Add Ms 45438; 45430; 45333.

2. Description of the glass works at Matod - extract from Tracts: historical and statistical on India by Dr.Benjamin Heyne (published 1814)

- 2x2=4 pages [British Museum - 793k37](?)
- Photostat 2 sheets

3. Extract from - Bengal past and present: Memoir of Colonel Thomas Deane Pearse - Vol.6(?) (1910)

- 4x2=8 pages [British Museum - AC 8603(6)] (?)
- Photostat 4 sheets

4. On Salt Petre

- 3 pages [British Museum - B 523(1)] (?)
-[Photostat 2 sheets & Handwritten 1 page]

5. Extract from - From the Hebrides to the Himalayas, pp312-313

- 1x2 = 2 pages [British Museum - 100 27 ccc1 (II)]
- [Photostat 1 sheet]

6. Correspondence regarding Captain H.Drummond's report on mining in India:

(i) Governor General to the Court of Directors of EICo.
23-11-1850: No.6: Home Genl Dept.

(ii) India Public Despatch: 26-3-1851: No.5
[IOR: E/4/808: Despatches to Bengal]

(iii) Public Despatch to Bengal: 28-4-1841 (no.9)
[IOR: E/4/765:]

(iv) EICo to Captain Drummond: 9-10-1845
[IOR:E/1/283:Misc. letters Out]

(v) India Revenue Despatch: 31-3-1841: No 4
[IOR:E/4/765: Despatches to Bengal]

(vi) Bengal Public Despatch: 5-2-1851 (No 4)
[IOR:E/4/808 ?]

- Total 2 pages

7. On smallpox vaccination: extract from Walker
 - 2 pages [National Library of Scotland: Walker of Bowland Papers: (181.d.11)]
8. Letters from the Royal Society to East India Company: No 169, dated 26-4-1762 and No.299, dated 8-11-1762.
 - 1 page [IOR: E/1/44: Letters received by the EICo: 1762]
9. Inoculation: Madras enquiry - 1800: Correspondence etc.
 - (i) J.Richardson, Head Surgeon, Southern division to the Medical Board: 25-8-1800
[IOR: Madras Military Consultations: P/254/61: pp.1352-4]
 - (ii) Medical Board Resolution: 9-9-1800
[IOR: Madras Mil.Cons.:P/254/61: pp 1346-8]
 - (iii) G.Buchan, Secy.to Government to the Board of Revenue, 13-10-1800
[IOR: Madras Public Proceedings: P/242/24: pp.3320-1]
 - (iv) Medical Board to Government Dated 18-11-1800
[IOR: Madras Mil.Cons. P/254/63: pp 2638-41]
 - (v) Letter from Secy. to the Board of Revenue, dated 27-11-1800
[IOR: Madras BOR Proceedings: P/286/46: pp 9929-30]
 - (vi) Translation of a Gentoo paper on the native practice of inoculation, dated 21-12-1800
[IOR: Madras BOR Proceedings: dated 26-1-1801, pp 831-5]
 - (vii) Minute of the Board of Revenue on Inoculation
[IOR:Madras BOR Proceedings: pp 5330-39]
 - (viii) Letters from Collectors on inoculation
[IOR: Madras BOR Proceedings: June-Dec 1801]
 - Total 17 pages
10. Vaccination in Bengal
 - 1 page [NAI: Proceedings Medical Board 4-12-1802; 3-3-1807; 30-3-1807]
11. Enquiry into indigenous spirits:
 - (i) Appointment of Committee: 30-8-1816
 - (ii) Revenue letter from Bengal: 4-7-1819
 - (iii) Report of the Arrack Committee (extract): 1816-17
 - (iv) Bengal government to Arrack Committee: 5-4-1817
 - 3 pages [IOR: Board's collections No.15227 (vol 611)]

12. (i) Mineral production in the Kumaon and Garhwal region (extract)[NAI: Home: Misc Records: vol 437 A: pp 662]

(ii) Inoculation in China (extract): from The Healers: the Doctor, then and now - by Kurt Pollak: G 1963; E 1968; (doctors in India p.29-35; in China p.35)

-1 page

13. Extract from - History of Mankind: the foundations of the modern world by Luigi Pareti etc. (UNESCO) vol IV. AD 1300-1775: pub.1969

-1 page

14. (a) "An account of two successful operations for restoring a lost nose from the integuments of the forehead..." article by Dr.J.C. Carpue, member, Royal College of Surgeons, London: London, 1816: An account of the Indian method of Plastic Surgery as witnessed by the English surgeon.

- 13x2 = 26 pages [British Museum: 782. n . 42]
- [Photostat 13 sheets]

(b) Letter from H.Scott on plastic surgery in the Poona area, 1-1-1794

- 4 pages

15. (i) Extracts referring to Indian scientific knowledge as given in the Encyclopaedia Britannica, 1968

- 1 page

(ii) Extract from "A history of Astronomy" by A.Pannekoek (English edition, 1961)

- 1 page

(iii) References to Indian science in "Augustine to Galileo": Science in the Middle Ages: A.D. 400-1650 by A.C.Crombie (2nd edition, 1961)

- 1 page

(iv) Extract from Science and civilization in China, vol I, (1953) by J.Needham

- 1 page

- [Total 4 pages]

16. (i) On Indian Astronomy - letter from T.D.Pearse to the Secretary of the Royal Society, Madras, 22 September, 1783.

- 4 pages [Royal Society, London: Archives papers: AP5/22]

(ii) Hints concerning some of the advantages derivable from an examination of the astronomical observatory at Benares, by Reuben Burrows.

- 10 pages [British Museum: Warren Hastings papers: Add Ms 29233]

(iii) On mathematical manuscripts - (i) letter from Reuben Burrow to Governor General Warren Hastings, 12-6-1783; 12-4-1784

- 4 pages [British Museum: Add Ms 29159 and 29163]

(iv) Extract - Colonel T.D.Pearse on Benares Observatory from Bengal, Past and Present: Vol.2 (July-Oct 1908)

- 1 page
- [Total 19 pages]

17. Aspects of Indian Science and Technology:

(i) On borax, saltpetre etc.

- 1 page [Royal Society of Arts: Gaurd Books (L754-)]

(ii) Operation of inoculation of the smallpox as performed in Bengal: letter from Calcutta, Feb.10, 1731

- 1 page [British Museum: Royal Society papers: Add Ms 4432]

(iii) A note on scientific and technological material - on plastic surgery and wootz: by Dharampal, Sept.1969

- 1 page

(iv) Aspects of technology in Western India: Letters from Dr.Helenus Scott to Joseph Banks, President of the (British) Royal Society: 1790-1801

- 8 pages [British Museum: Add Ms 33979; 33980; 35262]
- [Total 11 pages]

18. Extract from - An essay on the sacred isles in the West by Captain Francis Wilford: Asiatic Researches, Vol.8 (1808), pp. 245-375 etc.

- 1 page
