

M.D. (AGAD TANTRA AVUM VIDHI VAIDYAKA) : SUMMER -
2018

SUBJECT: AGAD TANTRA EVAM VIDHIVAIDYAKA
AUSHADHA YOGA VIGYANAM PAPER-IV

Day : Sunday
Date : 24/06/2018

S-2018-3735

Time : 10.00 AM TO 01.00 PM
Max. Marks: 100.

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the **RIGHT** indicate full marks.
- 3) Draw neat and labeled diagrams **WHEREVER** necessary.

Long Answer questions (LAQ) (ANY THREE)

(3 x 20 = 60 marks)

- Q.1** Describe the use of following instruments to assist criminal investigations (a) Chromatography (b) Electrophoresis (c) Spectroscopy (d) Comparative microscope.
- Q.2** 'Use of *Shodhan, Maran Sanskar* is an essential part of Ayurvedic pharmaceuticals.' Justify the statement.
- Q.3** Explain the pharmacology of different antidotes used in clinical toxicology.
- Q.4** Explain the principle of use of antisera. Describe the method of preparation of ASV and ARV.

Short Answer questions (SAQ) (ANY TWO)

(2 x 10 = 20 marks)

- Q.5** Write short essay on scope of use of *Dooshivishari Agad* in urban population.
- Q.6** Enlist the Ayurvedic therapeutic drugs containing *Sthavara visha* with their *phalashruti*.
- Q.7** Explain the protocol to establish LD₅₀ of toxic drug.

Short notes (ANY FOUR)

(4 x 5 = 20 marks)

- Q.8** Use of neutron activation analysis in forensic science.
- Q.9** *Sushrutokta Ekasargana*.
- Q.10** Indications and contraindications of BAL.
- Q.11** Effect of toxins on genes.
- Q.12** *Bilwadi Gutika*.

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