

Instructions:

1. Write the Roll no. on your question paper.
2. Candidate should ensure that the question paper supplied to them is complete in all respects. Complaints in this regards, if any, should be made to the invigilatory staff on the duty in the exam centre within 15 minutes of Commencement of the exam. No complaint shall be entertained thereafter.

(Section: A)

Q. A Multiple - Choice Questions:

(5)

1. is made by dissolving the cellulose fraction of plant fibre in chemicals and then again making it a fibre by viscose method.
(a) Silk (b). Cotton (c) Wool (d). Regenerated fibre
2. is done in a atmospheric condition with regard to temperature and humidity.
(a) Splitting (b) Hardening
(c) Spinning (d) Drying
3. denotes the drug's physical properties.
(a) Rasa (b) Vipaka (c) Guna (d) Virya
4. are called Sneha kalpa / Paka and prepared by cooking oil with the juice or the decoction and paste of drugs.
(a) Tailas (b) Churna (c) Lehya (d) Bhasma
5. are indigestible carbohydrates that promote the growth of good bacteria of large intestine.
(a) Soya (b) Garlic (c) Probiotic (d) Prebiotics

Q. B Fill in the blanks:

(5)

1. is an insoluble fibre.
2. belongs to the legume family and was originated in China.
3. is not a source of omega – 3 fatty acids.
4. are natural or synthetic substances that either prevent or delay some types of cell damage.
5. is alone producing more than half of the country's turmeric and chillies.

(Section: B)

Q. C Short Answer Type Questions: (Attempt any five)

(3 × 5 = 15)

1. Give the biological source and method of preparation of Rayon (Regenerated Fibers).
2. Give the source and preparation of silk fiber.
3. Give a brief about on catgut.
4. Give a short review on Sidda Medicine System.
5. What is Ayurveda? Describe contribution of “sushrut” in India history.
6. Write a short note on Garlic and spirulina.

(Section: C)

Q. D Long Answer Type Questions: (Attempt any three)

(5 × 3 = 15)

1. What are fibers? Write its uses in Pharmacy? Give a detailed note on absorbent cotton.
2. Write the preparation and standardization of any three Ayurvedic formulations.
3. Explain the current Indian scenario in trading of medicinal and aromatic plants.
4. Discuss briefly about classification of Nutraceuticals.

OR

Briefly discuss about probiotics and dietary fibers, omega – 3 – fatty acids.