



OP

PCO-BP603T HERBAL DRUG TECHNOLOGY

End Semester Theory Examination July/August 2021

BPharm Semester VI

Date: 02-08-2021

Time: 2.30- 4.30 pm

Max marks: 50

Multiple choice question (MCQs)

Answer all the questions

20x1mark = 20 marks

Note: After completion press submit button. It is mandatory otherwise auto-evaluation does not happen and they will be losing 20 marks

I Multiple Choice Questions (MCQs)	
20 Q × 1 mark = 20 marks	
1	The concept of Biodynamic agriculture was developed by the Austrian Philosopher Seydler Charles Darvin Rudolf Steiner Aristotle
2	Pneuma refers to _____ components in Unani system of medicine Solid Liquid Gaseous Gelly
3	Sandhana kriya in Ayurveda refers to the process of Disintegration Dissolution Extraction Fermentation
4	GACP guidelines was developed by WHO in the year 2005 2007 2003 2011
5	Which of the following is NOT a free radical? Singlet oxygen Super oxide anion Hydoxylamine Hydoxyl ion
6	_____ is the plant derived Phytoestrogen Testosterone

	<p>Estrogen Betamethasone Xenoestrogen</p>
7	<p>Spirulina belongs to the family Spirulinaceae Microcoleaceae Macrolcoeaceae Plateniciaceae</p>
8	<p>Ephedra _____ the activity of Insulin Increases Decresases Neutralises No effect</p>
9	<p>_____ % of world population in developing countries still rely on herbal medicines for their primary health care 60 40 80 90</p>
10	<p>About _____ Pharmacies that sell purely traditional medicine in India 25000 250 250000 2500</p>
11	<p>Under IMCC Act, 1970 following are exempted from the purview of GMP Who prepare medicines on their own to dispense to their patients Who prepare medicines on their own to sell in the market Who prepare medicines on their own and sell to the distributor Who prepare medicines on their own and sell in the pharmacy</p>
12	<p>N-N-diethyl methyl dithiocarbamate in pyridine reacts with hydrogen arsenide to form Red-blue complex Red-green complex Red-yellow complex Red-purple complex</p>
13	<p>Standard of self-generated alcohol for Asavas &amp; Arishtas prescribed in Chapter IV -Rule 152 Chapter IV -Rule 158 Chapter IV -Rule 156 Chapter IV -Rule 153</p>
14	<p>Effect of biopiracy on biodiversity and ecosystem It may lead to increase in prices. There will be reduction in genetic variability. Help in faster development of seed industry Alters the environment</p>
15	<p>Which one of the following can be patented Novel isolation process of natural products from its surroundings Characterization of a new product by its structure A new application of an isolated compound All of the above</p>

16	Pycnometer is used for determination of Optical rotation Refractive index Specific gravity pH
17	Kappa-carrageenan consists of 32 % ester sulfate by weight and 30% 3,6-anhydrogalactose. 35 % ester sulfate by weight and no 3,6-anhydrogalactose. 25% ester sulfate and 38% 3,6-anhydrogalactose 25% ester sulfate and 34% 3,6-anhydrogalactose
18	Bixin is an Hydrophilic compound Lipophilic compound Neutral compound Acidic compound
19	<i>Salvadora persica</i> is Neem Kantkari Miswak Tulsi
20	Polylactic acid polymer is used in the preparation of Liposomes Phytosomes Neosoms Microsphere

## II. Short Answers:

**Answer all the questions**

**6x5 = 30 marks**

1. Define, give the objectives and basic principles of GMP
2. With the help of a neat labelled diagram explain the epidermis of skin
3. Give the principle and procedure for the determination of Hemolytic Activity as per the WHO guidelines
4. Briefly explain the basic principles involved in Homeopathy system of medicine
5. Discuss the role of Nutraceuticals in diabetes and cardiovascular diseases
6. Enlist and give a detailed role of Indian Institutions to work on medicinal plants

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