

SEMINAR TOPICS OF B.PHARM. 6<sup>TH</sup> SEMESTER 2017

SN	Topic
1	Ischemic heart diseases
2	Recent updates on biological assay
3	Different assay methods of insulin
4	Vitiligo
5	Atherosclerosis
6	Derivatization of HPLC column.
7	Interpretation of IR with help of different example.
8	Interpretation of NMR spectra with help of different examples.
9	Interpretation of MASS spectra with help of different examples.
10	Rate and plate theory of HPLC.
11	Stereochemistry in Drug design and development.
12	Role of Lead compound in drug discovery.
13	Influence of physical properties of drug on the Formulation design.
14	Major contribution of Fractional Crystallization in commercial drug product.
15	Aromatherapy
16	Role of medicinal plants in national economy
17	Physical evaluation of crude drugs
18	Natural allergens
19	Hallucinogenic plants
20	DNA Fingerprinting
21	Southern, northern and western blotting
22	Enzyme immobilisation
23	Monoclonal antibodies
24	cDNA
25	Virosomes
26	Transfersomes
27	Hollow Microspheres Dosage Forms
28	Microneedle Technology
29	Niosomes
30	Process of manufacture of Granules / Tablets
31	Evaluation of tablets
32	Sugar Coating – Steps and Processes
33	Processing problems of tablets and remedies
34	Different Theories of drug dissolution
35	Renal epithelial Na <sup>+</sup> channel inhibitors

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36	Platelet aggregation and inhibitors
37	Metaglinides
38	Extravascular administration of drugs
39	Plasminogen - Plasmin system
40	Purinergic receptor as a novel target for pain.
41	Angina pectoris - etiology and treatment
42	Role of serotonin in psychosis
43	Molecular biology behind Alzheimer's disease
44	Steroids and it's chemistry
45	Clean room HVAC system
46	Lyophilization
47	Standard operating procedure(SOP)
48	Good laboratory practice (GLP)
49	In-process QC tests for tablet
50	Natural pesticides
51	Natural colours and dyes
52	Marine organisms - as a source of drugs
53	Cardiac glycosides
54	Flavone glycosides
55	Cell markers – an overview.
56	Biological Thermodynamics – an overview
57	Pharmaceutical industry in West Bengal – past, present and future
58	Medical negligence – a disease.
59	Pharmacogenomics.
60	Glass as a pharmaceutical packaging material
61	Importance of crystals in pharmaceutical formulations
62	Freeze drying and its pharmaceutical importance
63	Multiple effect evaporators
64	Medicinal Chemistry: Anti-ulcer drugs.
65	Pharmaceutical Analysis: Amperometry.
66	Pharmaceutical Analysis: Hydrolysis of salts.
67	Drugs of Mineral origin
68	Saponin Glycosides
69	Lipids(Fixed oils, fats and waxes)
70	Neutraceuticals

<b>SN</b>	<b>Topic</b>
71	Tricarboxylic acid (TCA) cycle or the Krebs cycle.
72	Urea cycle.
73	Water soluble vitamins (A,D,E,K).
74	Eicosanoids (prostaglandins, thromboxanes and leukotrienes).
75	Gelatin and its pharmaceutical applications
76	Pharmaceutical applications of Cotton
77	Starch and its Pharmaceutical Applications
78	Natural pesticides
79	Bronchodilators
80	Anti-hyperlipedemic drugs
81	Lipsticks and its evaluation
82	Baby care product and its safety uses
83	Drying equipments used in pharmaceutical industries
84	Approaches Used in Development of Transdermal Drug Delivery Systems
85	Osmotic Pump Drug Delivery Systems
86	Applications of Liposomal Drug Delivery Systems
87	Role of Nitrates acting on Angina pectoris
88	Theories of drug dissolution
89	Methods for measurement of bioavailability
90	Clearance value and its clinical implications
91	Water for injection
92	Various routes of parenteral dosages form
93	Role of Plastics in pharmacy
94	Surgical dressing
95	Wine production
96	Enzyme immobilization
97	Humulin
98	Limitations of different routes of administration
99	Cardiac glycosides
100	Anticoagulants and their applications