

S.D.College of Pharmacy (245)
Janaula, Pataudi (Gurugram)
Lesson Plan

Name of the Faculty : shuchi

Discipline : Pharmacy

Year : 1st year

Subject : HCP 11

Lesson plan duration : weeks (22 July .2019 to April. 2020

Work load : Theory -Lecture 02hours / week, Practical- 02 hours /week

| Week | Theory | | | Practical | | |
|------|-------------|---|--------------|---------------|--|--------------|
| | Lecture Day | Topic (including assignment / test) | Covered Date | Practical Day | Topic | Covered Date |
| 1. | 1 | Hospital : Definition , function , classification | | | Prepare and supply of 100 ml of sodium chloride inj. | |
| | 2 | Organization of hospital | | | | |
| 2. | 1 | Management of hospital | | | Prepare and supply of 100 ml of compound Nacl injection | |
| | 2 | Health delivery system in india | | | | |
| 3. | 1 | Hospital pharmacy : definition , function..... | | | Prepare and supply of 50ml of 5%w/v of dextrose inj. | |
| | 2 | Objective of hospital pharmacy service... | | | | |
| 4. | 1 | Location , layout , flow chart of material and men. | | | File check and viva | |
| | 2 | Personal and facilities req.... | | | | |
| 5. | 1 | Abilities required for pharmacy | | | Prepare and supply of 100ml of 0.9%w/v of Nacl and 5% w/v of dextrose inj. | |
| | 2 | Drug distribution system in India | | | | |
| 6. | 1 | Out patient service | | | | |

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| | 2 | In patient service : types of services | | | Prepare and supply of 100ml of sodium lactate inj. | |
| 7. | 1 | Central sterile service , bed side pharmacy etc... | | | Prepare and supply of 100ml of compound sodium lactate inj. | |
| | 2 | Sterile and non sterile manufacture : large and small volume parenterals | | | | |
| 8. | 1 | Layout production planning | | | File check and viva | |
| | 2 | Procurement of store and testing of raw materials | | | | |
| 9. | | 1st Sessional | | | | |
| 10 | 1 | P.T.C : Pharmacy Therapeutic committee | | | Prepare and supply of 50ml of 10% mannitol IV infusion. | |
| | 2 | P.T.C | | | | |
| 11 | 1 | Hospital Formulary System | | | Testing of water for injection as raw material used in preparation of transfusion fluid . | |
| | 2 | Organization and function | | | | |
| 12 | 1 | composition | | | Preparation of sterilization equipments. | |
| | 2 | Drug information service | | | | |
| 13 | 1 | Drug information bulletins | | | File check and viva | |
| | 2 | TEST | | | | |
| 14 | 1 | Surgical dressing like cotton, gauze, bandages, adhesive tapes.... | | | Sterilization of surgical instruments and glassware by usin hot air oven. | |
| | 2 | Pharmacopoeial tests for quality and other hospital supply | | | | |
| 15 | 1 | I.V sets, B.G sets, Ryals tube, catheters and syringes etc... | | | Sterilization of surgical dressing sheets, towels and gowns. | |
| | 2 | Application of computers in maintaining records, inventory control | | | | |

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| 16 | 1 | Medication monitoring, drug information etc..... | | | Sterilization of rubber gloves. | |
| | 2 | TEST | | | | |
| 17 | 1 | Clinical pharmacy: introduction | | | File check and viva | |
| | 2 | Definition and scope of clinical pharmacy | | | | |
| 18 | 1 | Modern dispensing aspect... | | | To perform test for acidity and alkalinity and surface active substance in absorbent cotton. | |
| | 2 | Pharmacist and patient counselling | | | | |
| 19 | 1 | Common drug use advisory | | | To determine the water soluble substance in absorbent cotton. | |
| | 2 | Medication history | | | | |
| 20 | | 2nd Sessional | | | | |
| 21 | 1 | Winter Vacation | | | | |
| 22 | 2 | Winter Vacation | | | | |
| 23 | 1 | Disease, manifestation and pathophysiology | | | File check and viva | |
| | 2 | Tuberculosis, hepatitis | | | | |
| 24 | 1 | Rheumatoid arthritis, cardiovascular | | | To perform test for colouring matter in absorbent cotton. | |
| | 2 | Epilepsy, DIABETES | | | | |
| 25 | 1 | Peptic ulcer and hypertension | | | Preparation of patient profile for single patient in MS word. | |
| | 2 | Physiological parameters with their significance | | | | |
| 26 | 1 | Physiological parameters with their significance | | | File check and viva | |
| | 2 | Drug interaction: definition and introduction | | | | |
| 27 | 1 | Mechanism of drug interaction, drug-drug interaction | | | An introduction to the aseptic room and construction and working of laminar air flow. | |
| | 2 | Analgesics, diuretics, CVS. | | | | |

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| 28 | 1 | G.I agents, vitamins and hypoglycaemic agents | | | To perform sterility tests. | |
| | 2 | Drug food interaction | | | | |
| 29 | 1 | Adverse drug reaction; Definition and significance | | | File check and viva | |
| | 2 | Drug induced disease and teratogenicity | | | | |
| 30 | 1 | Drug in clinical toxicity: introduction and treatment of poison, barbiturates | | | Sterility testing by turbidetric method. | |
| | 2 | Organo-phosphorus | | | | |
| 31 | 1 | Drug dependences, drug abuse, addictive drugs and their treatment | | | To prepare patient profile in MS Excel. | |
| | 2 | Treatment and complications | | | | |
| 32 | | 3rd Sessional | | | | |
| 33 | 1 | Bio-availability of drugs | | | File check and viva | |
| | 2 | Factors affecting bio-availability of drugs | | | | |
| 34 | 1 | TEST | | | Revision | |
| | 2 | Revision | | | | |

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| 35 | 1 | Revision | | | Revision | |
| | 2 | Revision | | | | |
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| | 2 | Revision | | | | |