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2019

B.Pharm. 2nd Semester End-Term Examination

HOSPITAL PHARMACY

(Old Regulation)

Full Marks – 100

Time – Three hours

The figures in the margin indicate full marks
for the questions.

Answer Question No. 1 compulsory.

1. Answer the following multiple choice questions :
(10 × 1 = 10)

(i) Storage temperature of insulin is

(a) 2–7°C

(b) 2–9°C

(c) 2–8°C

(d) 2–10°C

(ii) Practice of hospital pharmacy started in India
in the year

(a) 1941

(b) 1986

(c) 1946

(d) 1994

[Turn over

- (iii) Total cost of A class drug in hospital should be within range
- (a) 60–70% (b) 70–80%
(c) 45–65% (d) 50–70%
- (iv) Number of pharmacist required for 300 bed in a hospital is
- (a) 20 (b) 30
(c) 15 (d) 10
- (v) INH is highly specific for *M. tuberculosis* but it is also effective against *M. lepraemurium* with effective does of
- (a) 200–300 mg/day (b) 150–250 mg/day
(c) 500–650 mg/day (d) None of this
- (vi) Effective air velocity in a clean room provided by HEPA filter is
- (a) 400±20 ft./min (b) 300±20 ft./min
(c) 100±20 ft./min (d) 200±20 ft./min
- (vii) Depth of thermometer should be inserted inside the rectum of rabbit for test for pyrogen should be
- (a) 7.2 cm (b) 8.2 cm
(c) 4.5 cm (d) 7.5 cm
- (viii) Mobile dispensary unit is a specially constructed stainless steel truck measuring height, width and depth
- (a) 60, 48, 25 (b) 60, 30, 25
(c) 60, 46, 30 (d) None of this
- (ix) “NO STOCK” should be tolerated for
- (a) Essential drugs (b) Desirable drugs
(c) Vital drugs (d) All of the above

- (x) Holder method is used for
- (a) Fraction sterilization
 - (b) Pasteurization
 - (c) Tyndallization
 - (d) Incineration

Answer any six from the following questions :

2. (a) What are the different function and objective of hospital pharmacy? (7)
- (b) Write brief notes on : (4+4=8)
- (i) Drug information centre
 - (ii) Error in medication.
3. (a) Briefly explain about location, layout and flow chart of a modern 750 bedded hospital. (7)
- (b) Write brief notes on : (4+4=8)
- (i) Desirable drugs
 - (ii) Monograph of Isonicotinic acid Hydrazide (INH).
4. (a) Write brief notes on : (3+3+3=9)
- (i) ABC analysis
 - (ii) VED analysis
 - (iii) EOQ analysis.
- (b) Explain different purchase procedure as per hospital formulary. (6)
5. (a) What will be the drug distribution system in the "In-patient" pharmacy service of a 1000 bedded hospital? (7)
- (b) Write brief notes on : (4+4=8)
- (i) Unit dose dispensing system
 - (ii) Charging policy.

6. (a) Explain the procedure for dispensing of drug to ambulatory patients. (6)
- (b) Write brief notes on : (3+3+3=9)
- (i) Moist heat sterilization method
 - (ii) Pasteurization
 - (iii) Fibrous pad.
7. (a) Briefly explain about different type of packing of materials prior to sterilization. (7)
- (b) Write brief notes on : (4+4=8)
- (i) Primary wound dressing
 - (ii) Ligatures and catguts.
8. (a) How will you ascertain the quality of raw materials used in sterile and non-sterile preparation? (7)
- (b) Write brief notes on : (4+4=8)
- (i) Master formula card
 - (ii) Manufacturing records.
9. (a) Briefly explain about role of computers in pharmacy. (7)
- (b) Write brief notes on : (3+3+3=9)
- (i) Medication errors
 - (ii) Records maintain in hospital
 - (iii) Medication monitoring.