

KATHMANDU UNIVERSITY  
End Semester Examination  
May/June, 2023

Marks Scored:

Level : B.Pharm.

Year : IV

Exam Roll No. :

Time: 30 mins.

Course : PHAR 411

Semester : II

F. M. : 20

Registration No.:

Date : 23 May-2023

SECTION "A"  
[20Q. × 1 = 20 marks]

**Encircle the most appropriate alternative from each set of choices.**

- Which one of the following definitions on elements of "communication skills" is incorrect?
  - Demeanor suggests one's attitude toward others as expressed in outward behaviour.
  - When we meet somebody for the first time, we make assumptions about that person. It is important that we are aware of these assumptions in order to avoid stereotyping people.
  - Hearing and listening are both physical ability and skill.
  - None of the above
- The side-effects of Chlorpromazine and Gold therapy are .....
  - Oesophageal reactions and drowsiness
  - GI disturbance and Photosensitivity
  - Photosensitivity and Sore throat
  - Bleeding and GI disturbance
- For ARV drugs ..... of drugs should be taken for optimal suppression
  - 70%
  - 80%
  - >80%
  - >95%
- Which one of the following about "penetration pricing" is correct?
  - Involves setting prices that are high relative to most purchaser's willingness to pay
  - Involves determining the rupee value benefit for the purchaser and pricing toward that rupee amount.
  - Involves determining the costs involved in making and delivering the product, including operational costs, and adding a "fair" amount above that.
  - None of the above
- Which one of the following about eye and eye formulation is incorrect?
  - Eyes that have damaged epithelia have their defenses compromised
  - The lack of vascularity of the cornea makes it susceptible and difficult to treat once infection has been established
  - Eye drops for intraocular surgery may contain a preservative
  - For a single dose eye drop there is no need of preservative
- Choose the incorrect statement on the disposal of cytotoxics.
  - Container may be of plastics, bright coloured and sealed with the cytotoxic warning label
  - Sharp objects like needles, syringes, ampoules and vials should be kept inside sharp bins
  - Container should be leak free
  - Patient excreta should be assumed hazardous for at least 24 hours
- Barrel and Plunger of hypodermic syringe is made of .....
  - Polyvinyl chloride
  - Polypropylene
  - borosilicate glass
  - Polyethylene

8. The formula for calculating body mass index is.....
- weight (Kg)/height (cm<sup>2</sup>)
  - weight (Gm)/height (m<sup>2</sup>)
  - weight (Kg)/height (m<sup>2</sup>)
  - weight (Kg)/height (m<sup>3</sup>)
9. 100 MBq = ..... curies. (1Ci = 100000μCi)
- 1
  - 0.0015
  - 0.002
  - 0.0025
10. All types of peritoneal dialysis use machine except .....
- IPD
  - APD
  - CAPD
  - None of the above
11. Blood pressure monitoring can be taken as an example of pharmaceutical care in community pharmacy. In which category of goods/ commodity does it fall?
- Intangible
  - Inseparable
  - Perishable
  - All of the above
12. Dextrose 5 % provides ..... kcal/1000 ml.
- 150
  - 160
  - 170
  - 180
13. Main elements of good pharmacy practice does not include.....
- Good health prevention
  - Supply and the use of prescribed medicines and other healthcare products
  - Self-care
  - Motivating patients for healthy lifestyle
14. Which one is the term related to the search in computerized databases like Pubmed?
- limits
  - Boolean operator
  - Keywords
  - All of the above
15. Which one of the following doesn't fall under Roger's 5 factors for product diffusion?
- Complexity
  - Compatibility
  - Observability
  - None of the above
16. The factors to be considered for radiation protection in the radio pharmacy consists of....
- Time
  - Distance
  - Shielding
  - All of the above
17. Procedures that are used to manufacture sterile products consists of terminally sterilized and .....
- not terminally sterilized
  - Aseptic filling
  - Both a. and b.
  - None of the above
18. The central and peripheral access are two routes of parenteral nutrition. Peripheral access cannot be used if parenteral nutrition osmolality is .....times normal serum osmolality.
- > 2
  - > 2.5
  - > 3
  - none of the above
19. What statement on the characteristic of intramuscular route of drug administration is correct?
- Only water solutions can be injected
  - Oily solutions can be injected
  - Opportunity of hypertonic solution injections
  - The actions develop slower than *at oral administration*
20. Which one is not a derivative of methyl cellulose that is being used as viscosity enhancers?
- Polyvinyl alcohol
  - Hypromellose
  - Polyvinyl pyrrolidone
  - Polyethylene glycol