FACULTY OF PHARMACY

Pharm. D. (6 YDC) V – Year (Main & Backlog) Examination, July 2018

Subject : Pharmacoepidmiology and Pharmacoeconomics

Time : 3 hrs   Max. Marks : 70

Note: Answer all questions from Part-A & answer any Five questions from Part-B.

Part - A (10 x 2 = 20 Marks)

1 Write a note on the units of drug dispensed as an tcome measure.
2 Define Risk.
3 What is Pharmacoepidemiology?
4 Write a brief note on Incidence density.
5 Write a short note on case series and its significance.
6 Write the applications of Pharmacoeconomics.
7 Write a brief note on Time trade off method and Standard Gamble method.
8 Write a note on formulary and its use.
9 Give two examples of automated data srces.
10 Name any two drugs induced birth defects.

Part - B (5 x 10 = 50 Marks)

11 Elaborate on cost benefit analysis with a case study.   10

12 a) Write the advantages and disadvantages of adhoc data base systems.   5
   b) Vaccine safety and its reporting.   5

13 a) What are the varis types of costs in Pharmacoeconomic evaluations?   5
   b) Write a note on the origin and need of Pharmacoepidemiology.   5

14 a) Discuss in detail the newer methods of measuring adherence.   5
   b) Write in detail abt relative risk with an example.   5

15 a) Write a note on the strengths and weaknesses of spontanes reporting system. 5
   b) Role of a pharmacist in Formulary decision making.   5

16 a) Write in detail regarding the case control studies, their strengths and
      weaknesses.   5
   b) Explain modified prescription event monitoring and its use in
      pharmacoepidemiology.   5

17 a) Differentiate between systematic reviews and meta analysis.   5
   b) Discuss regarding hospital pharmacoepidemiology studies.   5

18 a) Discuss abt cost minimization analysis with an example.   5
   b) Write a short note on QALY.   5

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