Code No. 1126

FACULTY OF PHARMACY

Pharm D (6–YDC) V-Year (Instant) Examination, March 2018

Subject: Pharmacoepidemiology & Pharmacoeconomics

Time: 3 Hrs   Max.Ma   rks: 70

Note: Answer all questions from Part – A. Any Five questions from Part – B.

PART – A (10x2 = 20 Marks)

1 Write a note on the monetary units being used an tcome measure.
2 Write a brief note on time – risk relationship.
3 Define morbidity.
4 Write a brief note on incidence.
5 Write a short note on case reports and its significance.
6 Write the applications of pharmacoeconomics.
7 Define seris adverse event.
8 What is QALY?
9 Define teratogenesis. Give two examples of teratogens.
10 How are adverse effects with vaccines reported?

PART – B (50 Marks)

11 Elaborate on Cost Minimization analysis with a case study.

12 a) Write in detail abt adhoc data base systems.
   b) Special issues in vaccine safety.

13 a) What are the varis types of tcomes   in pharmacoeconomic evaluations?
   b) Write a note on the aims and potential applications of Pharmacoepidemiology.

14 a) Discuss in detail the varis methods of measuring adherence.
   b) Write in detail abt relative risk and odds ratio.

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

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

17 a) Write briefly abt meta   -analysis and their role in PE studies.
   b) What are the methodological issues to be addressed by pharmacoepidemiologic research in the studies on birth defects?

18 a) What are the varis m   ethods to measure utility?
   b) Write a short note on ICER.

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