

- Instructions –
- (1) All Questions are Compulsory.
  - (2) Answer each next main Question on a new page.
  - (3) Illustrate your answer with neat sketches wherever necessary.
  - (4) Assume suitable data, if necessary.
  - (5) Mobile Phone, Pager and any other Electronic Communication devices are not permissible in Examination Hall.
  - (6) In case student has attempted sub-question of question No. 3 more than once, only first attempt should be considered for assessment.

**Marks****1. Attempt any SIX of the following:****30**

- a) Define minor ailment. Describe the self care advice by the pharmacist in –
  - i) Pain management
  - ii) Constipation.
- b) Define OTC medications. Write the need and role of pharmacists in OTC medication dispensing.
- c) Define finance. Explain the types and sources of finance.
- d) Explain digital health. What are its benefits? Give six advantages of online pharmacies.
- e) Define prescription. Explain the various steps for proper handling of prescription for dispensing of medicines.
- f) Enlist various inventory control techniques useful for community pharmacy. Explain any two techniques in detail.
- g) Define patient counseling. Give the patient counselling points for Asthma.

**2. Attempt any TEN of the following:****30**

- a) Give the importance of various health screening services.
- b) What is the scope of community pharmacy.
- c) Define Audits. Give any four benefits of audits in community pharmacy.
- d) Define communication. Describe the skills required for patient interview techniques.
- e) Explain the legal requirements to set up a community Pharmacy.
- f) Explain the importance of body language with respect to posture and eye contact.
- g) Define SOP Give any four benefits of SOP
- h) Define pictogram. Explain use of pictograms in a pharmacy with two examples.
- i) Explain the advices given by the pharmacist to the patients in skin disorders.
- j) Explain the types of barriers of patient counselling.
- k) Discuss social and economic factors influencing medication non-adherence.

**3. Attempt ALL of the following:**

- a) What is meant by book of original entry?
  - b) Who is the father of Pharmacy Education?
    - i) Mithridates
    - ii) Willaim proctor
    - iii) M. L. Shroff
    - iv) Hippocrates.
  - c) Minimum area required to start the retail pharmacy is .....
  - d) The professional responsibilities of a community Pharmacist does not include –
    - i) Prescription processing
    - ii) Patient counselling
    - iii) Health promotion
    - iv) Prescribing medicines.
  - e) Following are the advantages of urban location for a Pharmacy–
    - i) High rates of land or shop.
    - ii) High wages to be given to working personnel.
    - iii) Good technical, transport, commercial facilities.
    - iv) All of the above.
  - f) Schedule drugs should be kept in a separate safe with a lock and handled only by the pharmacist.
  - g) Name the licensing authority for issuing retail sale license for drugs.
  - h) Write two auxiliary labeling conditions for ophthalmic preparations.
  - i) Give any two benefits of customer relation management.
  - j) ..... vaccine is administrated to neonates for prevention of TB.
  - k) Name any two OTC products used for common cold.
  - l) The prescriber indicates the directions for the patient, for the use of the medication in the portion of the prescription called as .....
  - m) Cash memo is the testimony of –
    - i) Purchase record
    - ii) Sale record
    - iii) Counselling record
    - iv) Sale return record.
  - n) What is the full form of COPD.
  - o) Define patient information leaflet.
  - p) Which of the following health screening services is non-invasive–
    - i) Blood glucose level
    - ii) Blood pressure level
    - iii) Blood haemoglobin level
    - iv) Blood lipid level.
  - q) Give the full form of FIFO and LIFO.
  - r) Define health.
  - s) Which bacteria helps to re-establish gut flora and is useful in diarrhoea.
  - t) House hold remedies are listed in schedule ..... of drugs and cosmetics rules.
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