

**PG Degree Regular/Supplementary Examinations in Family Medicine
(MD) November 2025****Paper II – General Medicine, Psychiatry, Pulmonary Medicine, Dermatology, Geriatrics,
Pain and Palliative Care, Emergency Care, Radiology****Time: 3 hrs****Max marks:100**

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essay:**(20)**

1. 58-year-old male smoker has developed sudden onset of breathing difficulty since 6 am and brought to the family physician. He is dyspnoeic at rest with the cold and clammy peripheries. His respiratory rate of 44 per minute. Pulse rate is 120 per minute, regular and BP is 180/110 mm Hg. His JVP is elevated, and auscultation reveals bilateral expiratory wheeze and basal fine crackles.
 - a) What is the possible differential diagnosis you consider.
 - b) What emergency care you will you provide in your clinic.
 - c) He was hospitalized for this episode and discharged two days ago. He is visiting the family physician for follow-up. His Echocardiogram shows Dilated Left ventricle with LV systolic dysfunction with the Ejection Fraction of 24%. There is hypokinesia of anterior and lateral walls of the left ventricle with a thrombus in the Left ventricle. How will you provide long-term pharmacological and non-pharmacological management of this patient.

(2+8+10)**Short Essays:****(8x10=80)**

2. 35-year-old lady with tiredness, multiple aches all over associated with low mood, worthlessness and hopelessness. She feels this life is not worthy to live anymore. She reports hearing voices instructing her to finish her life.
 - a) What is the diagnosis.
 - b) Describe a screening tool used for diagnosis of this condition.
 - c) How will you manage her.
3. 30-year-old male presents with pruritic hyperpigmented dry plaques over the extensor aspect of the elbow and knee bilaterally for the past three years. There are dry, thin, silvery-white scales. These lesions become worse in winter and improve in summer. He gets similar lesions over the scalp as well. There is pitting of the nails.
 - a) How will you confirm the diagnosis and describe the management in Family Practice. What are the indications for referral to the dermatologist.
4. Diagnosis and management of a 30-year-old housewife with Post- Tuberculous Bronchiectasis.
5. 20-year-old male, college student presents with early morning puffiness of the face and swelling legs for the past three days associated with decreased urine output. His urine is Coca coloured. He says all these started with some itchy skin lesions in the legs. His face is puffy, and the blood pressure is 170/100 mm Hg. His JVP is elevated and there is bilateral pedal oedema. How will you make the diagnosis and describe how will you manage him.
6. Short notes on the indications and classifications of Highly Active Anti-Retro Viral Therapy in an adult with HIV infection.
7. A 78-year-old female is visiting the family physician for the deterioration of her recent memory. The relatives report that she easily gets angry and scolds the relatives without any cause. How will you evaluate and manage her.
8. Describe the management of a 20-year-old college student with fever for past one week without any obvious focus.
9. A 35-year-old male, the labourer is brought to the family physician at midnight with a history of multiple episodes of generalised tonic-clonic seizures for the past hour. He is drowsy and not arousable. He responds to painful stimuli by withdrawing the limb. The wife gives a history of continuous alcohol use for the past one week. Briefly describe the management in the short-term and the long-term.
