

Medical Science paper II

Time Allowed : 3 Hours

Full Marks : 200

(Each question carries 40 marks)

Q1 Write short note on any four of the following: - $10 \times 4 = 40$

- A) Diagnosis and management of hypothyroidism
- B) Psudopancreatic cyst
- C) JNC VIII guideline on hypertension
- D) Duckett Jones Criteria for diagnosis of Rheumatic fever
- E) Stages of diabetic nephropathy with physical and biochemical parameters
- F) Gestational diabetes mellitus

Q2 Write management outlines of any four from the following: - $10 \times 4 = 40$

- A) Management of protein energy malnutrition in a 2 year child
- B) Management protocol for Grade III burn wound involving both lower extremities in an adult female
- C) Management protocol for acute exacerbation of chronic obstructive pulmonary disease
- D) How will you manage a case of pelvic inflammatory disease in a young sexually active female?
- E) How will you diagnose and manage a case of single intramural fibroid in a non pregnant lady?
- F) How will you manage a case of eclampsia in labor room?

Q3 Briefly explain any four of the following: - $10 \times 4 = 40$

- A) IMNCI protocol can effectively manage diarrhea in 1-5 year children
- B) Iron chellation therapy is required in management of thalassemia major
- C) Briefly explain AMTSL (active management of third stage of labor)
- D) Implication of HBsAg (Hepatitis B surface antigen) positive
- E) Nalgonda technique is effective in management of high fluoride content of drinking water
- F) Briefly explain management of Berger's disease in a 40 year old male smoker

P.T.O.

Q4 Differentiate any four of the following: - $10 \times 4 = 40$

- A) Live vaccine and killed vaccine
- B) Rapid sand filter and slow sand filter
- C) Preterm baby and small for date baby
- D) Diabetic keto acidosis (DKA) and Hyperglycemic hyperosmolar state (HHS)
- E) Anal fissure and anal Fistula
- F) Endometriosis and Adenomyosis

Q5 Enumerate any eight of the following: - $5 \times 8 = 40$

- A) Complications of IUCD usage
- B) Possible causes of acute abdomen in a young sexually active female
- C) Important pathogens causing water borne disease
- D) Chemicals used as food adulterants
- E) Pesticides used in agricultural field
- F) Causes of secondary infertility
- G) Complications of hormonal contraceptives
- H) Causes of shock
- I) Vascular complications of Type 2 Diabetes mellitus
- J) Complications of Systemic Lupus Erythematosus (SLE)
- K) Methods of mass media communication
- L) Benefits under ESI (Employees' State Insurance) scheme