

MEDICAL SCIENCE

PAPER—II

Full Marks : 200

Time : 3 hours

The figures in the margin indicate full marks

Candidates are required to answer **five** questions in which Question No. **1** is compulsory

1. Write short notes on any *four* of the following
(answer not exceeding more than 200 words
each) : 10×4=40

(a) Reverse cold chain

(b) Contraindications for tonsillectomy

(c) Keratomalacia

(d) Scorpion normal bite—clinical features
and management

(e) Thyroid storm

(f) Brodie's abscess

(g) Complications of tubectomy

(h) Kwashiorkor and marasmus

12Y—100/64

(Turn Over)

2. A 10-day-old infant is brought with one-day history of fever, refusal of feeds and sudden onset of convulsions.

(a) Mention four important differential diagnoses.

(b) How will you investigate to rule out various causes?

(c) Suggest treatment of the most likely cause of this condition. $10+15+15=40$

3. What are the supports of uterus? How will you manage III degree uterovaginal prolapse in a 45-year-old multiparous woman? $10+30=40$

4. A 50-year-old man presents with hematuria.

(a) Enumerate the possible causes.

(b) How will you investigate this patient?

(c) Briefly outline the management of renal cell carcinoma. $10+15+15=40$

5. A 60-year-old man presents with severe retrosternal pain of one-hour duration. How will you investigate and manage him? $20+20=40$

12Y—100/64

(Continued)

6. Write short notes on the following : $10 \times 4 = 40$

(a) Informed consent

(b) Tuberculosis of abdomen

(c) Postpartum haemorrhage

(d) Lucid interval

7. A 30-year-old woman presents with drooping of the shoulder. The contour of shoulder is lost. There is history of fall on the palm of outstretched hand.

(a) What are the types of fractures following a fall on outstretched hand?

(b) How will you treat recurrent dislocation of shoulder joint? $20+20=40$

8. How will you investigate to locate the site and extent of intra-abdominal injury in a patient presenting with blunt injury to abdomen? Briefly discuss the principles of management of splenic injury. $20+20=40$

9. Discuss the clinical features, investigations, management and complications of rheumatic fever? $10+10+10+10=40$

10. Define primary health care. Discuss the role of NRHM in improving the health status of the community. $10+30=40$

12Y—100/64