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HPAS (M)—2014

MEDICAL SCIENCES

Paper II

Time : 3 Hours

Maximum Marks : 150

Note :— Answer Five questions including question No. 1

which is compulsory.

1. What is the difference between retrospective and
   prospective studies? What is a case control study
   and cohort study?
   10+20=30

2. Write briefly about:
   3×10=30

   (a) Toxic epidermal necrolysis—Aetiology, clinical
       features and treatment

   (b) Syndromic approach to the diagnosis and
       management of sexually transmitted diseases

   (c) Differentiate between Atopic and contact
       dermatitis in relation to its etiology, clinical
       features and diagnosis.

P.T.O.
3. Write short notes on:

(a) Scoring system in critical care
(b) Micronutrient deficiencies
(c) Organic brain syndromes
(d) Amoebic liver Abscess
(e) Immunology of pregnancy
(f) Neonatal cholestasis

4. Write briefly about:

(i) Deep vein thrombosis
(ii) Ulcerative colitis
(iii) Fistula-in-ano
(iv) Antenatal foetal surveillance
(v) Precancerous lesions of Cervix
(vi) Non-neoplastic markers in obstetrics.
5. Briefly state the following:  \[6\times5=30\]

(a) Causes of Neonatal Jaundice

(b) Status epilepticus

(c) Surgical management of small bowel obstructions

(d) Autocoids

(e) Pruritus ani

(f) Immunomodulators

6. Write short notes on:  \[6\times5=30\]

(a) Management of organo-phosphorus poisoning

(b) Obsessive–compulsive disorders

(c) Radiation injury

(d) Perthes disease

(e) Benign tumours of bone

(f) Congenital cataract.

P.T.O.
7. Write brief account of:

(i) Posterior Uveitis
(ii) National programme for control of blindness
(iii) Malignant tumours of the neck
(iv) Down’s syndrome
(v) Intracranial tumours
(vi) Regional peri-articular pain.

8. Describe the following:

(a) Etiopathogenesis, clinical features, diagnosis and management of tuberculous meningitis.
(b) Classify Hepatitis. Discuss in detail Hepatitis B virus infection and add a note on Hepatitis B vaccine.