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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 :

6×5=30

- (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 :

6×5=30

- (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 :

6×5=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 :

6×5=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 : 6×5=30

- (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 : 2×15=30

- (a) Etio-pathogenesis, 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.