

Total Number of Pages—5 2nd-MBBS—Patho-P-II

2021

PATHOLOGY

Paper—II

Full Marks : 40

Time : 2 hours

Answer all questions

The figures in the right-hand margin indicate marks

SECTION – A

1. Answer any *one* of the following : 4
- (a) Classify surface epithelial tumors of Ovary. Describe the gross and microscopic findings of benign serous cystadenoma of ovary.
 - (b) Describe the etiopathogenesis and pathology of Rheumatic heart disease. Discuss briefly about Rheumatic vegetations.

(Turn Over)

(2)

2. Short notes (Answer any *four* of the following) : 3 × 4
- (a) Role of $\alpha 1$ antitrypsin in Emphysema
 - (b) Coal workers Pneumoconioses
 - (c) Cervical intraepithelial neoplasia
 - (d) TB meningitis
 - (e) Polyps of large intestine.
3. Answer briefly the following : $\frac{1}{2} \times 8$
- (a) Skip lesions area characteristic of _____.
 - (b) Charcot Leyden Crystals are commonly found in _____.
 - (c) Flexner-Wintersteiner Rosettes are seen in _____.
 - (d) Mode of inheritance of adult Polycystic Kidney disease _____.
 - (e) Paraneoplastic syndromes are more common in which type of lung cancer ?

(3)

- (f) Onion peel appearance in X-ray is seen in which bone tumor ?
- (g) The gene responsible for Colonic Adenocarcinoma _____.
- (h) Which toxins in food may cause hepatocellular carcinoma ?

SECTION – B

4. Answer any *one* of the following : 4
- (a) Forty years female presented with history of menorrhagia, pallor, easy fatiguability and dyspnoea on exertion. Give the most probable clinical diagnosis and relevant investigations.
 - (b) Discuss Peripheral blood picture of different phases of Chronic Myeloid Leukemia.
5. Short notes (Answer any *four* of the following) : 3 × 4
- (a) Bone marrow picture in megaloblastic anemia

(4)

- (b) Reed Sternberg giant cell and its variants
- (c) Bence-Jones proteinuria
- (d) Urinary casts
- (e) Seromarkers of Hepatitis B.

6. Answer in brief the following : $\frac{1}{2} \times 8$

- (a) What is the first cardiac enzyme to rise in acute myocardial infarction ?
- (b) What is the Anticoagulant used for ESR estimation ?
- (c) What is the type of anemia seen in hook-worm infestation ?
- (d) What is the name of Liver biopsy needle ?
- (e) Cobweb formation in CSF is a feature of which type of meningitis ?
- (f) What is the normal fasting blood glucose level ?

(5)

- (g) What is the meaning of acholuric jaundice ?
 - (h) Pack cell volume is raised in which type of Myeloproliferative disorder ?
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