

21/12/23

Seat Number

--	--	--	--	--	--

DAGDU-08

BP-204T Pathophysiology
(712204)

Total Pages : 2]

Time: 3 Hours

Max. Marks : 75

Instruction to Candidates:

1. Do not write anything on question paper except Seat No.
2. All questions are compulsory.
3. Figures to right indicate full marks.
4. Students should note, no supplement will be provided.
5. Graph or diagram should be drawn with the black ink pen or black HB pencil.

1. Answer all the questions. 20
- i) Angina pectoris causes
 - a) Nerve pain b) Chest pain c) Stomach pain d) Joint pain
 - ii) Peptic ulcer mainly occurs in the:
 - a) Large intestine b) Mouth c) Stomach d) Spleen
 - iii) Atheromatous plaques are-
 - a) Fatty deposits in arteries b) White blood cells
 - c) Conjugated blood d) Protein deposits in arteries
 - iv) Wound contraction is due to
 - a) Myocyte b) Fibroblast
 - c) Myofibroblast d) Skeletal muscle fibre
 - v) Rheumatoid arthritis is:
 - a) A condition that only affects women b) An infectious disease
 - c) An inflammatory condition d) A condition that only affects men
 - vi) H. pylori infection responsible for ----
 - a) Ulcerative colitis b) Chron's disease c) Peptic ulcer d) liver cirrhosis
 - vii) The process of spread of tumour from primary site to secondary site is called.....
 - a) Mutation b) Initiation c) Promotion d) Metastasis
 - viii) Necrosis is:
 - a) Reversible b) Lack of oxygen to the tissue
 - c) Not reversible d) Blebbing at the periphery
 - ix) Which aspect of the brain is affected in Parkinsons disease?
 - a) Cerebrum b) Brain stem c) Substantia nigra d) Cerebellum
 - x) Mucous secreting cells of the bronchial tree are the
 - a) Parietal cells b) Goblet cells c) Islets of Langerhans d) Beta cells
 - xi) Intrinsic factor (IF) is required for..... absorption
 - a) Cobalamine b) Folic acid c) Thiamine d) Pyridoxine

- xii)is known as royal disease.
 a) Megaloblastic anemia b) Hemophilia
 c) Thalassemia d) Aplastic anemia
- xiii) Metabolic alkalosis occurs due to
 a) Rise in the bicarbonate levels b) Decrease in the bicarbonate levels
 c) Normal bicarbonate levels d) No matters
- xiv) Which of the following membranes encloses lungs?
 a) Pleural membrane b) Pericardium
 c) Perichondrium d) Periosteum
- xv) Haemophilia B is due to
 a) Factor VII deficiency b) Factor IX deficiency
 c) Platelet deficiency d) Vitamin C deficiency
- xvi) Asthma is caused due to inflammation of _____
 a) Bronchi and Bronchioles b) Alveoli c) Trachea d) Pharynx
- xvii) Which ONE is the fourth commonest organ site of metastasis at autopsy in patients with carcinoma?
 a) Adrenal b) Bone c) Brain d) Liver
- xviii) Each copy of gene is called as.....
 a) Polymorph b) Inherited gene c) Alpha gene d) Allele
- xix) Having a high blood glucose level is called _____
 a) Hyperglycemia b) Hypoglycemia
 c) Diabetes ketoacidosis d) Macrosomi
- xx) In anemia of chronic disorders, serum ferritin is
 a) Normal b) Low c) Increased d) Absent

20

2. Attempt **any two** of the following.

- i) Describe etiology and pathogenesis of Gout.
- ii) Define angina pectoris? Explain in detail etiology, pathogenesis, types and management of angina pectoris.
- iii) Define anemia? Explain the various types of anemia with causes.

35

3. Attempt **any seven** of the following.

- i) Explain the diagnosis and treatment of Diabetes.
- ii) Explain in details etiology, symptoms and pathogenesis of Hepatitis.
- iii) Explain in details diagnosis and treatment of Asthma.
- iv) Describe etiology and pathogenesis of Cancer.
- v) Explain in details etiology, pathogenesis and management of Congestive heart failure.
- vi) Comment on Alcoholic liver disease.
- vii) Describe the complications and treatment of Peptic ulcers.
- viii) Explain the process of Wound healing.
- ix) Write short note on Renal failure.