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BP 204 T

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2020

B.Pharm. 2nd Semester End-Term Examination

PATHOPHYSIOLOGY

Full Marks – 75

Time – Three hours

The figures in the margin indicate full marks
for the questions.

1. Answer the following (MCQ) : (20 × 1 = 20)
- (i) Decreased generation of cellular ATP is seen in
- (a) Reversible cell injury
 - (b) Irreversible cell injury
 - (c) Inflammation
 - (d) All of the above
- (ii) Fulminant acute inflammation is which type of inflammation
- (a) Acute inflammation
 - (b) Chronic inflammation
 - (c) Both (a) and (b)
 - (d) None of these
- (iii) The average weight of thyroid gland in adult is
- (a) 15-40 gms
 - (b) 25-30 gms
 - (c) 20-40 gms
 - (d) 10-40 gms
- (iv) Destruction of β -cell mass is a phenomenon of _____
- (a) Type1 DM
 - (b) Type2 DM
 - (c) Both (a) and (b)
 - (d) None of these.

[Turn over

- (v) Absence seizure is a type of
- (a) Focal seizure
 - (b) Generalised seizure
 - (c) Both (a) and (b)
 - (d) None of these
- (vi) Which date is celebrated as world Parkinson's day?
- (a) 11 April
 - (b) 12 April
 - (c) 11 May
 - (d) 11 June
- (vii) Which one is not sign and symptom of stroke
- (a) Rubor
 - (b) Paralysis
 - (c) Confusion
 - (d) All of these
- (viii) Insomnia means-
- (a) Difficulty sleeping
 - (b) Excessive sleeping
 - (c) Both (a) and (b)
 - (d) None of these
- (ix) Paranoid schizophrenia is distinguish by
- (a) Thrombotic stroke
 - (b) Embolic stroke
 - (c) Enbolic stroke
 - (d) None of these
- (x) Down syndrome is one of the major risk factor for
- (a) Postpartum depression
 - (b) Alzheimer's disease
 - (c) Depression
 - (d) Parkinson's disease
- (xi) A brittle nail is the sign of _____
- (a) Iron deficiency anemia
 - (b) Megaloblastic anemia
 - (c) Diabetes
 - (d) Hemophilia

- (xii) The main characteristics of Megaloblastic anemia is
- (a) Blood does not clot properly
 - (b) Blood does not form properly
 - (c) Red blood cells are larger than normal
 - (d) None of these
- (xiii) Blood transfusion is the treatment for which one of followings?
- (a) Megaloblastic anemia
 - (b) Hemophilia
 - (c) Type2 DM
 - (d) Hereditary acquired anemia
- (xiv) Hemophilia B is also known as _____
- (a) Christmas disease
 - (b) Star disease
 - (c) Christ disease
 - (d) None of these
- (xv) What is/are the side effect of cancer treatment?
- (a) Hair loss
 - (b) Fatigue
 - (c) Nausea
 - (d) All of these
- (xvi) *Mycobacterium leprae* bacteria is responsible for which disease?
- (a) Meningitis
 - (b) Typhoid
 - (c) Leprosy
 - (d) Tuberculosis
- (xvii) HIV destroy which cell of immune system and cause AIDS
- (a) CD4-T
 - (b) Phagocytes
 - (c) B lymphocytes
 - (d) None of these
- (xviii) If blood pressure is 130-139 over 80-89 mm of hg it is consider as
- (a) Elevated blood pressure
 - (b) Hypertension stage 1
 - (c) Hypertension stage 2
 - (d) Hypertensive crisis

(xix) Aneurysm is complication for

- (a) Heart attack
- (b) Atherosclorosis
- (c) CHF
- (d) Hypertension

(xx) Prinzmetal's angina refers

- (a) Spasm in a coronary artery
- (b) Fatty deposits (plaques) in a blood vessel
- (c) Heart demands more blood
- (d) All of these

2. Answer any *seven* questions : (7 × 5 = 35)

- (a) Define cell injury. Write down the various forms of cellular responses. (1+4=5)
- (b) Explain basic principles of wound healing in the skin. (5)
- (c) Define hypothyroidism. What are the manifestaision of hypothyroidism? (2+3=5)
- (d) Write in detail about different types of diabetes mellitus with its etiology. (5)
- (e) Explain about pathogenesis of Parkinson's disease. (5)
- (f) Mention the different risk factors for stroke. Write about management of stroke. (2.5+2.5=5)
- (g) Discuss about different types of depression with its sign and symptoms. (5)
- (h) Write about Catatonic schizophrenia and undifferentiated schizophrenia. (2.5+2.5=5)
- (i) Describe cause of iron deficiency anemia with its treatment. (5)

3. Answer any *two* questions (2 × 10 = 20)

- (a) What is cancer? Write pathophysiology of cancer. (2+8=10)
- (b) Describe risk factors of hypertension and myocardial infarction. (5+5=10)
- (c) Explain pathophysiology of congestive heart failure. (10)