

CBME

DR NTR UNIVERSITY OF HEALTH SCIENCES :: VIJAYAWADA - B
M.B.B.S. DEGREE EXAMINATION – FEBRUARY, 2022
SECOND M.B.B.S. EXAMINATION
PATHOLOGY - PAPER-I (Set -A)
(Multiple Choice Questions)

Time : 20 Minutes

Max. Marks: 20

Note: Answer all questions

SECTION-I (MCQs- 20 MARKS)

1x20=20

- 1) Sure sign of malignancy is
 - a. Mitosis
 - b. Polychromasia
 - c. Nuclear pleomorphism
 - d. Metastasis
- 2) Tumor suppressor gene P53 induces cell arrest at
 - a. G₀ – M phase
 - b. S – G₀ phase
 - c. G₁ – S phase
 - d. G₀ – phase
- 3) Li Fraumeni syndrome is due to mutation in
 - a. P 21
 - b. P 53
 - c. P 41
 - d. P 43
- 4) Skin cancers develop due to sunlight exposure induced by
 - a. UVA rays
 - b. UVB rays
 - c. UVC rays
 - d. UVD rays
- 5) The following interleukin is characteristically produced in Th1 response
 - a. IL – 2
 - b. IL – 4
 - c. IL – 5
 - d. IL – 10
- 6) Antigen presenting cells present in skin are called
 - a. Kupffer cells
 - b. Microglia
 - c. Langerhans cells
 - d. Melanocytes

Contd 2

SET - A - 2

- 7) Birbeck granules are present in
 - a. Merkel cell
 - b. Langerhans cell
 - c. Lang hen cell
 - d. Melanocyte
- 8) Immunoglobulin involved in type I hypersensitivity reaction is
 - a. Ig G
 - b. Ig D
 - c. ☒ Ig E
 - d. Ig M
- 9) A 40 year old man has chronic cough with fever for several months. The chest radiographer reveals a diffuse reticularnodular pattern microscopically on transbronchial biopsy, there are epithelioid granulomas, lang hen giant cells and lymphocytes. The pathogenesis of the above condition is based on which section pattern
 - a. Type I
 - b. ☒ Type IV
 - c. Type II
 - d. Type III
- 10) Counter of tubercular granuloma is formed by
 - a. T - lymphocytes
 - b. B - lymphocytes
 - c. ☒ Lang hen grant cells
 - d. Necrotic gene
- 11) Clue cells are seen in which infection
 - a. Candida
 - b. Trichomonas
 - c. Genito urinary TB
 - d. Bacterial vaginosis
- 12) CD 3 is expressed by
 - a. B - cells
 - b. ☒ T - cells
 - c. NK - cells
 - d. RBC
- 13) Warthin - Finkeldey cells are seen in
 - a. Mumps
 - b. Influenza
 - c. ☒ Measles
 - d. Rubella

SET - A : 3

- 14) Bitot's spots are seen in deficiency of vitamin
 - ☒ a. A
 - b. B
 - c. C
 - d. D
- 15) All of the following are signs of inflammation except
 - a. Pain
 - b. Smelling
 - c. Redness
 - ☒ d. Absence of function loss
- 16) Which of the following stains is used to detect lipid in frozen section biopsy in histopathology
 - a. PAS
 - ☒ b. Oil Red O
 - c. NSE
 - d. Silver methenamine
- 17) Alizarin red S is for demonstrating
 - a. Iron
 - ☒ b. Calcium
 - c. Copper
 - d. Selenium
- 18) Keratin pearls are seen in
 - a. Malignant melanoma
 - b. Basal cell carcinoma
 - ☒ c. Squamous cell carcinoma
 - d. Histiocytosis
- 19) Transudate is
 - a. Protein - rich, cell - poor fluid
 - b. Protein - poor, cell - rich fluid
 - ☒ c. Protein - poor, cell - poor fluid
 - d. Protein - rich, cell - rich fluid
- 20) Leiden mutation is
 - a. Factor III mutation
 - b. Factor VI mutation
 - c. Factor VII mutation
 - ☒ d. Factor V mutation