

Q.P. CODE:507-A-CBME

DR NTR UNIVERSITY OF HEALTH SCIENCES :: VIJAYAWADA - 8
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. G₂ – M phase
 - b. S – G₂ 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. I L – 2
 - b. I L – 4
 - c. I L – 5
 - d. I L – 10
- 6) Antigen presenting cells present in skin are called
 - a. Kupffer cells
 - b. Microglia
 - c. Langerhans cells
 - d. Melanocytes

Contd 2

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

- 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

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PATHOLOGY - PAPER-I (Set – B)
(Multiple Choice Questions)

Time : 20 Minutes

Max. Marks: 20

Note: Answer all questions

SECTION-I (MCQs- 20 MARKS)

1x20=20

- 1) Skin cancers develop due to sunlight exposure induced by
 - a. UVB rays
 - b. UVC rays
 - c. UVD rays
 - d. UVA rays
- 2) Li Fraumeni syndrome is due to mutation in
 - a. P 53
 - b. P 41
 - c. P 43
 - d. P 21
- 3) Tumor suppressor gene P53 induces cell arrest at
 - a. S – G₂ phase
 - b. G₁ – S phase
 - c. G₀ - phase
 - d. G₂ – M phase
- 4) Sure sign of malignancy is
 - a. Nuclear pleomorphism
 - b. Metastasis
 - c. Mitosis
 - d. Polychromasia
- 5) Immunoglobulin involved in type I hypersensitivity reaction is
 - a. Ig D
 - b. Ig E
 - c. Ig M
 - d. Ig G
- 6) Birbeck granules are present in
 - a. Melanocyte
 - b. Merkel cell
 - c. Langerhans cell
 - d. Lang hen cell

Contd ... 2

- 7) Antigen presenting cells present in skin are called
- Microglia
 - Longer hon cells
 - Melanocytes
 - Kupffer cells
- 8) The following interleukin is characteristically produced in Th1 response
- IL – 4
 - IL – 5
 - IL – 10
 - IL – 2
- 9) CD 3 is expressed by
- B – cells
 - T – cells
 - NK – cells
 - RBC
- 10) Clue cells are seen in which infection
- Trichomonas
 - Genito urinary TB
 - Bacterial vaginosis
 - Candida
- 11) Counter of tubercular granuloma is formed by
- B – lymphocytes
 - Lang hen grant cells
 - Necrotic gene
 - T – lymphocytes
- 12) A 40 year old man has chronic cough with fever for several months. The chest radiographer reveals a diffuse reticulonodular pattern microscopically on transbronchial biopsy, there are epithelioid granulomas, long hen giant cells and lymphocytes. The pathogenesis of the above condition is based on which section pattern
- Type IV
 - Type II
 - Type III
 - Type I
- 13) Which of the following stains is used to detect lipid in frozen section biopsy in histopathology
- Oil Red O
 - NSE
 - Silver methenamine
 - PAS

- 14) All of the following are signs of inflammation except
- Pain
 - Smelling
 - Redness
 - Absence of function loss
- 15) Bitot's spots are seen in deficiency of vitamin
- A
 - B
 - C
 - D
- 16) Warthin – Finkeldey cells are seen in
- Influenza
 - Measles
 - Rubella
 - Mumps
- 17) Leiden mutation is
- Factor VI mutation
 - Factor VII mutation
 - Factor V mutation
 - Factor III mutation
- 18) Transudate is
- Protein – poor, cell – poor fluid
 - Protein – rich, cell – rich fluid
 - Protein - rich, all - poor fluid
 - Protein - poor, cell – rich fluid
- 19) Keratin pearls are seen in
- Squamous cell carcinoma
 - Histiocytosis
 - Malignant melanoma
 - Basal cell carcinoma
- 20) Alizarin red S is for demonstrating
- Calcium
 - Copper
 - Selenium
 - Iron

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SECOND M.B.B.S. EXAMINATION
PATHOLOGY - PAPER-I (Set – C)
(Multiple Choice Questions)

Time : 20 Minutes

Max. Marks: 20

Note: Answer all questions

SECTION-I (MCQs- 20 MARKS)

1x20=20

- 1) Li Fraumeni syndrome is due to mutation in
 - a. P 41
 - b. P 43
 - c. P 21
 - d. P 53
- 2) Sure sign of malignancy is
 - a. Nuclear pleomorphism
 - b. Metastasis
 - c. Mitosis
 - d. Polychromasia
- 3) Skin cancers develop due to sunlight exposure induced by
 - a. UVC rays
 - b. UVD rays
 - c. UVA rays
 - d. UVB rays
- 4) Tumor suppressor gene P53 induces cell arrest at
 - a. G₂ – M phase
 - b. S – G₂ phase
 - c. G₁ – S phase
 - d. G₀ - phase
- 5) Birbeck granules are present in
 - a. Lang hen cell
 - b. Melanocyte
 - c. Merkel cell
 - d. Langerhans cell
- 6) The following interleukin is characteristically produced in Th1 response
 - a. I L – 5
 - b. I L – 10
 - c. I L – 2
 - d. I L – 4

Contd ... 2

- 7) Immunoglobulin involved in type I hypersensitivity reaction is
 - a. Ig M
 - b. Ig G
 - c. Ig D
 - d. Ig E
- 8) Antigen presenting cells present in skin are called
 - a. Melanocytes
 - b. Kupffer cells
 - c. Microglia
 - d. Langerhans cells
- 9) Clue cells are seen in which infection
 - a. Bacterial vaginosis
 - b. Candida
 - c. Trichomonas
 - d. Genito urinary TB
- 10) A 40 year old man has chronic cough with fever for several months. The chest radiograph reveals a diffuse reticulonodular pattern microscopically on transbronchial biopsy, there are epithelioid granulomas, Langhans giant cells and lymphocytes. The pathogenesis of the above condition is based on which reaction pattern
 - a. Type III
 - b. Type I
 - c. Type IV
 - d. Type II
- 11) CD 3 is expressed by
 - a. RBC
 - b. B – cells
 - c. T – cells
 - d. NK – cells
- 12) Center of tubercular granuloma is formed by
 - a. Necrotic core
 - b. T – lymphocytes
 - c. B – lymphocytes
 - d. Langhans giant cells
- 13) All of the following are signs of inflammation except
 - a. Pain
 - b. Swelling
 - c. Redness
 - d. Absence of function loss

- 14) Warthin – Finkeldey cells are seen in
 - a. Rubella
 - b. Mumps
 - c. Influenza
 - d. Measles
- 15) Which of the following stains is used to detect lipid in frozen section biopsy in histopathology
 - a. Silver methenamine
 - b. PAS
 - c. Oil Red O
 - d. NSE
- 16) Bitot's spots are seen in deficiency of vitamin
 - a. A
 - b. B
 - c. C
 - d. D
- 17) Transudate is
 - a. Protein – rich, cell – rich fluid
 - b. Protein - rich, all - poor fluid
 - c. Protein - poor, cell – rich fluid
 - d. Protein – poor, cell – poor fluid
- 18) Alizarin red S is for demonstrating
 - a. Selenium
 - b. Iron
 - c. Calcium
 - d. Copper
- 19) Leiden mutation is
 - a. Factor III mutation
 - b. Factor V mutation
 - c. Factor VI mutation
 - d. Factor VII mutation
- 20) Keratin pearls are seen in
 - a. Histiocytosis
 - b. Malignant melanoma
 - c. Basal cell carcinoma
 - d. Squamous cell carcinoma

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SECOND M.B.B.S. EXAMINATION
PATHOLOGY - PAPER-I (Set D)
(Multiple Choice Questions)

Time : 20 Minutes

Max. Marks: 20

Note: Answer all questions

SECTION-I (MCQs- 20 MARKS)

1x20=20

- 1) Tumor suppressor gene P53 induces cell arrest at
 - a. G₀ - phase
 - b. G₂ – M phase
 - c. S – G₂ phase
 - d. G₁ – S phase
- 2) Skin cancers develop due to sunlight exposure induced by
 - a. UVD rays
 - b. UVA rays
 - c. UVB rays
 - d. UVC rays
- 3) Sure sign of malignancy is
 - a. Nuclear pleomorphism
 - b. Metastasis
 - c. Mitosis
 - d. Polychromasia
- 4) Li Fraumeni syndrome is due to mutation in
 - a. P 43
 - b. P 21
 - c. P 53
 - d. P 41
- 5) Antigen presenting cells present in skin are called
 - a. Melanocytes
 - b. Kupffer cells
 - c. Microglia
 - d. Langerhans cells
- 6) Immunoglobulin involved in type I hypersensitivity reaction is
 - a. Ig G
 - b. Ig D
 - c. Ig E
 - d. Ig M

Contd ... 2

- 7) The following interleukin is characteristically produced in Th1 response
 - a. I L – 2
 - b. I L – 10
 - c. I L – 4
 - d. I L – 5
- 8) Birbeck granules are present in
 - a. Merkel cell
 - b. Melanocyte
 - c. Langerhans cell
 - d. Lang hen cell
- 9) Counter of tubercular granuloma is formed by
 - a. Necrotic gene
 - b. T – lymphocytes
 - c. B – lymphocytes
 - d. Lang hen grant cells
- 10) CD 3 is expressed by
 - a. RBC
 - b. B – cells
 - c. T – cells
 - d. NK – cells
- 11) A 40 year old man has chronic cough with fever for several months. The chest radiographer reveals a diffuse reticulonodular pattern microscopically on transbronchial biopsy, there are epithelioid granulomas, long hen giant cells and lymphocytes. The pathogenesis of the above condition is based on which section pattern
 - a. Type I
 - b. Type III
 - c. Type IV
 - d. Type II
- 12) Clue cells are seen in which infection
 - a. Bacterial vaginosis
 - b. Candida
 - c. Trichomonas
 - d. Genito urinary TB

- 13) Bitot's spots are seen in deficiency of vitamin
 - a. A
 - b. B
 - c. C
 - d. D
- 14) Which of the following stains is used to detect lipid in frozen section biopsy in histopathology
 - a. Silver methenamine
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- 16) All of the following are signs of inflammation except
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 - c. Redness
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- 17) Keratin pearls are seen in
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