

ATAL BIHARI VAJPAYEE MEDICAL UNIVERSITY, LUCKNOW**MBBS DEGREE - IInd PROFESSIONAL - SUPPLEMENTARY EXAMINATION - JUNE 2024****PATHOLOGY - PAPER - I****SECTION A - Multiple Choice Questions (MCQs)**

PAPER CODE : 2421130004

SET : D

Note: Choose one correct answer in the OMR sheet provided. No overwriting should be done.

Time: 20 Minutes

(20 x 1 = 20 MARKS)

1. Anti Scl 70 antibodies are associated with:
 - a) Sheehan syndrome
 - b) Sjogren syndrome
 - c) Systemic lupus erythematosus
 - d) Scleroderma
2. Hypersegmented neutrophils are present in which of the following anemia?
 - a) Iron deficiency
 - b) Hemolytic
 - c) Megaloblastic
 - d) Aplastic
3. Which complement fragments are called "Anaphylotoxins":
 - a) C3 & C4
 - b) C3a & C3b
 - c) C5a & C3a
 - d) C3b & C5a
4. Wound contraction is mediated by:
 - a) Collagen
 - b) Epithelial cells
 - c) Myofibroblasts
 - d) Elastin
5. Anaemia in humans can be caused by which of the following worms:
 - a) Tape worm
 - b) Round worm
 - c) Bristle worm
 - d) Hook worm

6. Barrett's Oesophagus is example of:
- a) Metaplasia
 - b) Atrophy
 - c) Dystrophy
 - d) Dysplasia
7. An example of tumor suppressor gene:
- a) FAS
 - b) MYC
 - c) RAS
 - d) Rb
8. Which of the following is anti apoptotic gene:
- a) Bax
 - b) P53
 - c) bid
 - d) Bcl2
9. Serum sickness is an example of this type of hypersensitivity reaction:
- a) Type II
 - b) Type I
 - c) Type IV
 - d) Type III
10. Gaucher's disease is caused by deficiency of:
- a) GM2 gangliosides
 - b) Glucokinase
 - c) Fructokinase
 - d) Glucocerebrosidase
11. All are features of hemolytic anemia EXCEPT:
- a) Bilirubinemia
 - b) Hemoglobinemia
 - c) Increased Haptoglobin
 - d) Reticulocytosis
12. Which variant of Hodgkin's lymphoma has worst prognosis:
- a) Lymphocyte depleted
 - b) Lymphocyte predominant
 - c) Nodular sclerosis
 - d) Mixed cellularity

13. The correct sequence of cell cycle is:

- a) G₀ - G₁ - G₂ - S - M
- b) G₀ - G₁ - S - G₂ - M
- c) G₀ - M - G₁ - G₂ - S
- d) G₀ - S - G₁ - G₂ - M

14. Transformation of one type of mature epithelium into another type of mature epithelium is:

- a) Anaplasia
- b) Dysplasia
- c) Hyperplasia
- d) Metaplasia

15. Heart failure cells are found in:

- a) Liver
- b) Heart
- c) Lung
- d) Kidney

16. Diabetic foot is an example of:

- a) Wet gangrene
- b) Dry gangrene
- c) Apoptosis
- d) Gas gangrene

17. The most effective Antigen presenting cells (APCs) are:

- a) Neutrophils
- b) Dendritic cells
- c) NK cells
- d) Lymphocytes

18. Christmas factor is:

- a) VIII
- b) VII
- c) X
- d) IX

19. Term "Wear & tear pigment" refer to:

- a) Melanin
- b) Lysozyme
- c) Anthracotic pigment
- d) Lipochrome

20. Caspases are involved in mechanism of:

- a) Atherosclerosis
- b) Necrosis
- c) Inflammation
- d) Apoptosis

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