

Vinayaka Mission's Kirupananda Variyar Medical College, Salem 636 308.

Department of Pathology

II MBBS (78 Batch)

Date: 30.11.2019

First Internal Assessment

Time: 1pm-4pm

Section-A

Total: 80 MARKS

LMCO

(15x1=15)

1. Annexin V is a marker of .
 - a. Necrosis
 - b. Gangrene
 - c. Ageing
 - d. Apoptosis
2. The following features impair wound healing except.
 - a. Diabetes
 - b. Glucocorticoids
 - c. Vitamin C deficiency
 - d. Clot formation
3. Pain during inflammation is mediated by.
 - a. Nitric oxide
 - b. Leukotriene B4
 - c. Bradykinin
 - d. Chemokines
4. The following not a major opsonin are.
 - a. C3a
 - b. IgG
 - c. Mannose binding lectin
 - d. Fibrinogen
5. What type of collagen is predominantly seen in the early proliferative phase of wound healing?
 - a. Type I Collagen
 - b. Type II collagen
 - c. Type III collagen
 - d. Type IV collagen
6. First manifestation in cell injury .
 - a. Pyknosis
 - b. Cell swelling
 - c. Nuclear fragmentation
 - d. Nuclear lysis
7. Stain for collagen.
 - a. Von Gieson
 - b. Von kossa
 - c. Alizarin red
 - d. Rubanic acid

8. Hall mark of acute inflammation
- a. Swelling
 - b. Pain
 - c. Increased vascular permeability
 - d. Tissue destruction
9. Phagocytosis was discovered by.
- a. Metchnikoff
 - b. Celsus
 - c. Virchow
 - d. Morgagni
10. Heart failure cells are seen
- a. CVC Liver
 - b. CVC Lung
 - c. AVC Liver
 - d. AVC lung
11. Stellate granuloma is seen in.
- a. Leprosy
 - b. Brucellosis
 - c. Sarcoidosis
 - d. Cat scratch disease
12. Not a part of virchow's triad.
- a. Stasis
 - b. Infection
 - c. Endothelial injury
 - d. Hypercoagulability
13. Russell bodies are seen in .
- a. Mast cells
 - b. Plasma cells
 - c. Histiocytes
 - d. Langerhan cells
14. Hypoxic death of brain tissue results in.
- a. Coagulative necrosis
 - b. Fibrinoid necrosis
 - c. Gangrenous necrosis
 - d. Liquefactive necrosis
15. Increase in the number of goblet cells in the non-respiration terminal bronchiole is an example of.
- a. Anaplasia
 - b. Dysplasia
 - c. Metaplasia
 - d. Hyperplasia

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Ist Internal Assessment

Date : 30.11.2019

Topic: Cell Injury, Inflammation, Wound healing, Hemodynamic disorders.

Time: 3 hrs

Total Marks =80

Section-A

I. MCQ's

(15x1=15)

Section-B

II. Write Essay on :

(2x15=30)

1. Define Inflammation. Mention the types of inflammation. Discuss about the vascular events in acute inflammation. (2+2+11=15)

2. Define shock. Mention the etiology of shock. Write the pathogenesis of septic shock. Add a note on morphology of septic shock. (2+3+7+3=15)

III. Short Answers:

(5x5=25)

1. Phagocytosis
2. Pulmonary embolism
3. Write about the mechanism & steps involved in wound healing
4. Apoptosis
5. Pathological calcification

IV. Two Marks Question:

(5x2=10)

1. Lipofusion.
2. Define dysplasia. Give two examples.
3. Mention few free radicals.
4. Write four difference between transudates & exudates.
5. Define granuloma. Give two example.

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Total: 80 Marks.

ANSWER KEY FOR ONE MARK QUESTION

QUESTION NUMBER	ANSWER
1	d
2	d
3	c
4	a
5	c
6	b
7	a
8	a
9	a
10	b
11	d
12	b
13	b
14	d
15	c