

امتحان الفرقة الثانية باثولوجي ترم أول لعام 2016/2017م

باتولوجي

Zagazig University
Faculty of Nursing
Second year exam
(Pathology)

تحريري

Date: 14 / 1 / 2017
Time allowed: 3 h.
Number of questions: 5
Number of pages: 3
Total marks: 60

B

QUESTION, 1:

Choose the best answer (only one answer is correct): 10M. 1 for each

1- Transitional cell carcinoma:

- a- Benign tumor of mesenchymal origin
- b- Malignant tumor of surface epithelium
- c- Change of transitional epithelium to another type
- d- Locally malignant tumor

2- Metastasis:

- a- Feature of malignant tumors
- b- Variation in size and shape of tumor cells
- c- Change of one type of tissue to another type
- d- Severe dysplasia of epithelial lining

3- AFP is markedly elevated in :

- a- Colon carcinoma
- b- Nephroblastoma
- c- Hepatocellular carcinoma
- d- Prostatic carcinoma

4- Sarcoma:

- a- Have no distant spread
- b- Malignant tumor of epithelial tissues
- c- Malignant tumor of mesenchymal origin
- d- Benign tumor of surface epithelium

5- Cholestoma:

- a- Malignant epithelial tumor
- b- Collections of chronic inflammatory cells
- c- Normal tissue in an abnormal site
- d- Tumor of endothelial origin

6- Both hyperplasia and hypertrophy occur in:

- a- Breast during lactation
- b- Left ventricle in systemic hypertension
- c- Skeletal muscles in athletes
- d- Ovaries after menopause

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7- The predominant tissue in keloid is::

- a- Myxoid tissue
- b- Vascular blood and lymphatic capillaries
- c- Granulation tissue
- d- Fibrous tissue and collagen fibers

8- Examples of of liquefactive necrosis include:

- a- Splenic infarcts
- b- Brain infarcts
- c- Myocardial infarcts
- d- Renal infarcts

9- Which of the following vascular changes is not observed in acute inflammation?

- a- Vasoconstriction
- b- Slowing of blood stream
- c- Decreased arteriolar blood pressure
- d- Increased vascular permeability

10- Locally malignant tumors:

- a- Usually slowly-growing harmless tumors
- b- Infiltrate the surrounding tissues
- c- Examples include fibrosarcoma
- d- Have distant metastasis

QUESTION, 2:

Match the correct statements of (A) and (B): 10M, 1 for each

Statement (A)	Statement (B)
(1) Ischemia	() Duct lined by epithelium between the wound and external surface
(2) Metaplasia	() Inadequate blood supply to an organ or tissue
(3) Cloudy swelling	() Programmed cell death
(4) Embolus	() Multiplying bacteria and their toxins in blood
(5) Septicemia	() Intravascular insoluble mass circulating in blood
(6) Gout	() Change one tissue type to another type of the same tissue category
(7) Karyorrhexis	() Type of degeneration due to increased cellular water content
(8) Sinus	() Benign tumor of endothelial origin
(9) Apoptosis	() Nuclear fragmentation in necrotic cells
(10) Hemangima	() Type of arthritis resulting from increased uric acid level

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QUESTION, 3:

Define the following terms: 10M, 1 for each

- 1- Prognosis
- 2- Papilloma
- 3- Hamartoma
- 4- Regeneration
- 5- Chemotaxis
- 6- Infarction
- 7- Furuncle
- 8- Chondrosarcoma
- 9- Necrosis
- 10- Atrophy

QUESTION, 4: 20M, 4 for each

WRITE SHORT NOTE ABOUT:

- 1- Differences between dry and moist gangrene.
- 2- Teratoma.
- 3- Complications of wound healing.
- 4- Factors affecting prognosis of malignant tumors.
- 5- Cloudy swelling.

QUESTION, 5: Case Study:

CASE, A: 5M, 1 for each

Twenty years old boy presented with abscess in the right thigh. The oral temperature was 39 C^o. All cardinal signs of inflammation were noticed.

- 1- What are the cardinal signs of inflammation noticed in the thigh?
- 2- What is the cause of fever?
- 3- Mention 2 possible complications of abscess in this case.
- 4- What is the causative organism?
- 5- Mention 2 other common sites of abscess?

CASE, B: 5M, 1 for each

Fifty years old male patient presented with irregular ulcerated mass with everted edges in his right foot. Biopsy from the mass revealed squamous cell carcinoma:

- 1- What is the cell of origin in this tumor?
- 2- What about the behavior of this tumor?
- 3- What is the early and main method of spread in carcinoma?
- 4- What are the other methods of spread in carcinoma?
- 5- Mention 2 other possible sites of squamous cell carcinoma.

*Wishing Good Luck and success
Prof. Dr. Masoud M. Omar*