Week 5 Assignment

The due date for submitting this assignment has passed. As per our records you have not submitted this assignment.

1) Which among the following is not classified as a morphological characteristic of malignant cell 1 point

- Regular size and shape
- Prominent nucleoli
- Infiltrating growth
- Scarce cytoplasm

No, the answer is incorrect.
Score: 0
Accepted Answers:
*Regular size and shape*

2) Identify the cytology method that is specifically designed to obtain monolayer of cells for effective screening 1 point

- Spin coating
- Fine needle aspiration
- Brush cytology
- Cytospin

No, the answer is incorrect.
Score: 0
Accepted Answers:
*Cytospin*

3) __________ are used to identify antigens that are linked to cancer in immunohistochemistry 1 point

- Antibiotics
- Antigens
- None of the above

No, the answer is incorrect.
Score: 0
Accepted Answers: Antibodies

4) If the power of objective lens is 20x and eye-piece lens is 10x, the total magnification is 1 point

- 200 times
- 20 times
- 10 times
- 30 times

No, the answer is incorrect.
Score: 0

Accepted Answers: 200 times

5) The minimally invasive diagnostic method used in identifying oral premalignant and malignant lesions is 1 point

- Visual inspection
- Surgical biopsy
- Exfoliative cytology
- Brush biopsy

No, the answer is incorrect.
Score: 0

Accepted Answers: Brush biopsy

6) Which of the following microscopes enhance the contrast between the specimens and its background without staining 1 point

- Bright field
- Fluorescent
- Phase contrast
- None of the above

No, the answer is incorrect.
Score: 0

Accepted Answers: Phase contrast

7) Cytospin technique uses centrifuge to concentrate the cells on a slide such that immunocytochemistry is performed to evaluate the cells. Is the statement true or false 1 point

- True
- False

No, the answer is incorrect.
Score: 0

Accepted Answers: True

8) In a tissue specimen, Eosin is used to 1 point

- Stain the nuclei in blue colour
- Stain the cytoplasm and extracellular matrix in blue colour
<table>
<thead>
<tr>
<th>Question</th>
<th>Correct Answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>9) Stain the nuclei in pink colour. Stain the cytoplasm and extracellular matrix in pink colour.</td>
<td>No, the answer is incorrect.</td>
</tr>
<tr>
<td>10) The custom-built electronic module for real time analysis of cell morphology made use of</td>
<td>No, the answer is incorrect.</td>
</tr>
<tr>
<td>11) Why H&amp;E staining plays a critical role in tissue-based diagnosis or research?</td>
<td>No, the answer is incorrect.</td>
</tr>
<tr>
<td>12) Which among the following methods falls under organ scale diagnosis?</td>
<td>No, the answer is incorrect.</td>
</tr>
</tbody>
</table>
Score: 0
Accepted Answers: All the above