

Cancer

Multiple-Choice Quiz

Cancer Quiz (First 10 Questions)

1. What is cancer?

- a) A type of infection caused by bacteria
- b) A genetic disorder characterized by uncontrolled cell division
- c) A viral infection that affects the immune system
- d) A type of injury to the skin

2. Which of the following is the most common type of cancer?

- a) Breast cancer
- b) Lung cancer
- c) Prostate cancer
- d) Skin cancer

3. What is the main cause of lung cancer?

- a) Eating unhealthy foods
- b) Smoking cigarettes
- c) Exposure to sunlight
- d) Genetic mutations

4. Which of the following is a risk factor for breast cancer?

- a) Age
- b) Gender
- c) Family history
- d) All of the above

5. What is the purpose of chemotherapy in cancer treatment?

- a) To cure the cancer without side effects
- b) To shrink or kill cancer cells by using drugs
- c) To boost the immune system
- d) To prevent the formation of tumors

6. Which of the following is a common symptom of cancer?

- a) Unexplained weight loss
- b) Chronic pain
- c) Changes in bowel habits
- d) All of the above

7. What is a biopsy used for?

- a) To remove tumors from the body
- b) To examine cells for cancerous changes
- c) To treat cancer cells
- d) To check for heart disease

8. What does the term "metastasis" refer to?

- a) The initial stage of cancer
- b) The spread of cancer from one part of the body to another
- c) The process of chemotherapy treatment
- d) The recovery from cancer

9. Which of the following is considered a carcinogen?

- a) Vitamin C
- b) Alcohol
- c) UV radiation from the sun
- d) All of the above

10. What is the purpose of a mammogram?

- a) To diagnose lung cancer
- b) To detect breast cancer early
- c) To monitor blood pressure levels
- d) To test for prostate cancer

11. What is the most common type of skin cancer?

- a) Melanoma
- b) Basal cell carcinoma
- c) Squamous cell carcinoma
- d) Merkel cell carcinoma

12. Which of the following cancers is most commonly associated with smoking?

- a) Kidney cancer

- b) Bladder cancer
- c) Lung cancer
- d) Pancreatic cancer

13. Which of the following is a genetic mutation commonly linked to breast cancer?

- a) BRCA1
- b) BRCA2
- c) TP53
- d) All of the above

14. What does the "stage" of cancer refer to?

- a) The type of cancer a person has
- b) The size of the tumor and whether cancer has spread
- c) The age of the person with cancer
- d) The response of cancer cells to treatment

15. What is the role of radiation therapy in cancer treatment?

- a) To kill cancer cells using high-energy radiation
- b) To boost the immune system
- c) To increase blood circulation
- d) To stimulate the growth of healthy cells

16. Which of the following is NOT a risk factor for colon cancer?

- a) Family history of colon cancer
- b) Diet high in processed meats
- c) Regular physical activity
- d) Age over 50

17. What is the main difference between benign and malignant tumors?

- a) Malignant tumors grow slower
- b) Benign tumors can spread to other parts of the body
- c) Malignant tumors are cancerous, while benign tumors are not
- d) There is no difference

18. What is the primary purpose of immunotherapy in cancer treatment?

- a) To directly kill cancer cells with chemotherapy
- b) To use the body's immune system to fight cancer
- c) To remove tumors surgically
- d) To reduce inflammation in cancerous areas

19. Which of the following is an example of a viral cause of cancer?

- a) Human papillomavirus (HPV)
- b) Epstein-Barr virus (EBV)
- c) Hepatitis B and C
- d) All of the above

20. What is a common side effect of chemotherapy?

- a) Hair loss
- b) Increased energy
- c) Skin rash
- d) Weight gain

21. Which of the following is the main risk factor for cervical cancer?

- a) Smoking
- b) Human papillomavirus (HPV) infection
- c) Family history
- d) Poor diet

22. What is the purpose of a Pap smear test?

- a) To detect prostate cancer
- b) To check for early signs of cervical cancer
- c) To diagnose lung cancer
- d) To measure blood sugar levels

23. Which cancer is commonly associated with excessive alcohol consumption?

- a) Liver cancer
- b) Pancreatic cancer

- c) Breast cancer
- d) All of the above

24. What is the primary method used to treat early-stage prostate cancer?

- a) Chemotherapy
- b) Radiation therapy
- c) Surgery
- d) Immunotherapy

25. Which of the following is a warning sign of ovarian cancer?

- a) Unexplained weight loss
- b) Abdominal bloating
- c) Persistent cough
- d) Swollen lymph nodes

26. What is the most common type of blood cancer?

- a) Lymphoma
- b) Leukemia
- c) Myeloma
- d) Hodgkin's disease

27. Which of the following is a known environmental risk factor for cancer?

- a) Radon exposure
- b) Asbestos exposure
- c) Air pollution
- d) All of the above

28. What is the significance of the "BRCA" gene mutation?

- a) It is linked to increased risk for thyroid cancer
- b) It is linked to an increased risk for breast and ovarian cancers
- c) It increases the likelihood of developing skin cancer
- d) It has no impact on cancer risk

29. Which type of cancer is most often associated with a high-fat diet?

- a) Stomach cancer

- b) Colon cancer
- c) Lung cancer
- d) Skin cancer

30. Which of the following cancers has a well-established link to sun exposure?

- a) Lung cancer
- b) Skin cancer
- c) Bladder cancer
- d) Liver cancer

31. What is the primary treatment for leukemia?

- a) Radiation therapy
- b) Bone marrow transplant
- c) Chemotherapy
- d) Surgery

32. Which of the following is a major risk factor for pancreatic cancer?

- a) High fiber diet
- b) Family history
- c) High physical activity levels
- d) Low-fat diet

33. What is the common feature of all cancers?

- a) They spread quickly throughout the body
- b) They are caused by environmental toxins
- c) They result from uncontrolled cell growth
- d) They always involve external tumors

34. What is the role of lymph nodes in cancer?

- a) Lymph nodes fight cancer directly
- b) Cancer cells often spread to lymph nodes
- c) Lymph nodes prevent cancer from spreading
- d) Lymph nodes are unaffected by cancer

35. Which of the following cancers is known to have a strong association with HPV infection?

- a) Cervical cancer

- b) Ovarian cancer
- c) Colorectal cancer
- d) Breast cancer

36. What does "remission" mean in the context of cancer treatment?

- a) Cancer has been completely eradicated
- b) Cancer symptoms have disappeared, but cancer is still present
- c) Cancer has spread to other organs
- d) Cancer treatment is no longer needed

37. Which of the following is a typical side effect of radiation therapy?

- a) Severe weight gain
- b) Hair loss in the treated area
- c) Increased bone density
- d) High blood pressure

38. Which of the following types of cancer is most common among men?

- a) Skin cancer
- b) Prostate cancer
- c) Leukemia
- d) Colon cancer

39. Which of the following is a common early warning sign of leukemia?

- a) Unexplained weight gain
- b) Abdominal pain
- c) Unexplained bruising or bleeding
- d) Vision problems

40. What does a "CT scan" (computed tomography) do in cancer diagnosis?

- a) It uses X-rays to create detailed images of internal organs and tissues
- b) It is a blood test used to identify cancer markers

- c) It provides an electrical reading of tumor activity
- d) It extracts tissue for a biopsy

41. Which of the following is NOT a common treatment for cancer?

- a) Chemotherapy
- b) Radiation therapy
- c) Electrotherapy
- d) Surgery

42. Which type of cancer is linked to excessive sun exposure and tanning bed use?

- a) Melanoma
- b) Lung cancer
- c) Brain cancer
- d) Leukemia

43. What is a common risk factor for liver cancer?

- a) Smoking
- b) Chronic hepatitis B or C infection
- c) Obesity
- d) All of the above

44. What is the purpose of a colonoscopy?

- a) To detect ovarian cancer
- b) To check for colon polyps and colon cancer
- c) To measure blood glucose levels
- d) To monitor bone density

45. Which of the following cancers is often referred to as "silent cancer" because its symptoms can go unnoticed until it is advanced?

- a) Ovarian cancer
- b) Prostate cancer
- c) Breast cancer
- d) Brain cancer

46. Which of the following is an important screening method for breast cancer?

- a) Colonoscopy
- b) Mammogram
- c) Pap smear
- d) CT scan

47. What is a common symptom of brain cancer?

- a) Headaches
- b) Chest pain
- c) Swollen lymph nodes
- d) Abdominal bloating

48. What is the main cause of esophageal cancer?

- a) Chronic acid reflux (GERD)
- b) Excessive alcohol consumption
- c) Smoking
- d) All of the above

49. Which cancer is associated with the Epstein-Barr virus (EBV)?

- a) Stomach cancer
- b) Hodgkin lymphoma
- c) Lung cancer
- d) Skin cancer

50. What is the main function of the lymphatic system in relation to cancer?

- a) It produces hormones that fight cancer
- b) It circulates blood throughout the body
- c) It filters waste from the body
- d) It helps to fight infection and is a pathway for cancer to spread

51. What is the role of a PET scan in cancer diagnosis?

- a) To determine the size of a tumor
- b) To identify the spread of cancer by detecting active cancer cells
- c) To perform a biopsy
- d) To measure blood pressure

52. Which of the following is a lifestyle factor that can reduce the risk of cancer?

- a) Smoking
- b) Consuming excessive alcohol
- c) Maintaining a healthy weight
- d) Eating a high-fat diet

53. Which of the following cancers is most commonly diagnosed in women worldwide?

- a) Breast cancer
- b) Lung cancer
- c) Cervical cancer
- d) Ovarian cancer

54. What is the purpose of a biopsy in cancer diagnosis?

- a) To provide a detailed image of the tumor
- b) To confirm whether a tumor is benign or malignant
- c) To shrink the tumor
- d) To treat cancerous cells

55. Which of the following is a common type of childhood cancer?

- a) Lung cancer
- b) Brain cancer
- c) Prostate cancer
- d) Colon cancer

56. What is the term for cancer that has spread from its original site to other parts of the body?

- a) Inflammation
- b) Metastasis
- c) Remission
- d) Regression

57. Which of the following cancers is primarily associated with tobacco use?

- a) Skin cancer
- b) Lung cancer

- c) Liver cancer
- d) Colon cancer

58. What is the role of targeted therapy in cancer treatment?

- a) To boost the immune system
- b) To destroy cancer cells by attacking specific molecules
- c) To remove tumors surgically
- d) To shrink tumors with radiation

59. Which of the following is a sign that a woman should seek medical attention for breast cancer?

- a) A hard lump in the breast
- b) Unexplained weight loss
- c) Extreme fatigue
- d) Both a and b

60. Which of the following is a factor that can increase the risk of developing colorectal cancer?

- a) Low-fat diet
- b) Family history of colorectal cancer
- c) Regular exercise
- d) High intake of fruits and vegetables

61. What is the purpose of hormone therapy in cancer treatment?

- a) To kill cancer cells using radiation
- b) To block or lower the levels of hormones that fuel certain cancers
- c) To increase the production of red blood cells
- d) To shrink tumors using chemotherapy

62. Which of the following is the second most common cancer among women worldwide?

- a) Ovarian cancer
- b) Cervical cancer
- c) Lung cancer
- d) Colon cancer

63. What is the main function of the "immune checkpoint inhibitors" in cancer immunotherapy?

- a) They help the immune system recognize and attack cancer cells
- b) They destroy cancer cells directly with radiation
- c) They boost the production of blood cells
- d) They block the spread of cancer

64. What is the term for the spread of cancer cells through the blood or lymphatic system?

- a) Metastasis
- b) Recurrence
- c) Progression
- d) Infiltration

65. What is the primary reason why cancer cells are able to divide uncontrollably?

- a) They have a higher energy consumption
- b) They have damaged DNA and faulty cell regulation
- c) They consume more nutrients than normal cells
- d) They produce fewer waste products

66. What type of cancer is commonly treated with a procedure called a "radical prostatectomy"?

- a) Testicular cancer
- b) Kidney cancer
- c) Prostate cancer
- d) Pancreatic cancer

67. What is the role of angiogenesis inhibitors in cancer treatment?

- a) They stimulate the growth of new blood vessels to tumors
- b) They block the formation of blood vessels that supply tumors with nutrients
- c) They increase the spread of cancer cells
- d) They directly destroy cancer cells

68. Which of the following cancers is most often diagnosed through a Pap test?

- a) Ovarian cancer
- b) Cervical cancer
- c) Endometrial cancer
- d) Breast cancer

69. What type of cancer is most commonly associated with asbestos exposure?

- a) Lung cancer
- b) Mesothelioma
- c) Kidney cancer
- d) Skin cancer

70. What does "remission" mean in the context of cancer treatment?

- a) Cancer is completely cured
- b) Cancer is no longer detectable by imaging tests
- c) Cancer symptoms have improved or disappeared, but the cancer may still be present
- d) Cancer has spread to other organs

71. Which of the following is NOT a common side effect of chemotherapy?

- a) Nausea and vomiting
- b) Hair loss
- c) Skin rashes
- d) Increased bone density

72. Which type of cancer is most closely linked to human papillomavirus (HPV)?

- a) Cervical cancer
- b) Liver cancer
- c) Brain cancer
- d) Pancreatic cancer

73. What does the "TNM" staging system stand for in cancer diagnosis?

- a) Treatment, Node, and Metastasis
- b) Tumor, Node, and Metastasis
- c) Tumor, Nucleus, and Mass
- d) Treatment, Neoplasm, and Metastasis

74. Which of the following is a risk factor for developing endometrial (uterine) cancer?

- a) Use of oral contraceptives
- b) Low estrogen levels
- c) High body weight and obesity
- d) Early menopause

75. What type of cancer is commonly associated with the Epstein-Barr virus (EBV)?

- a) Liver cancer
- b) Hodgkin lymphoma
- c) Skin cancer
- d) Lung cancer

76. What is the common term used to describe a group of cancers that begin in the bone marrow and affect the production of blood cells?

- a) Leukemia
- b) Myeloma
- c) Lymphoma
- d) Sarcoma

77. Which of the following cancers is often associated with chronic inflammation of the liver?

- a) Pancreatic cancer
- b) Liver cancer
- c) Skin cancer
- d) Ovarian cancer

78. What is the most common method for diagnosing breast cancer?

- a) Ultrasound
- b) Biopsy

- c) Mammogram
- d) MRI

79. What is a key symptom of lung cancer?

- a) Persistent cough or coughing up blood
- b) Abdominal bloating
- c) Swollen lymph nodes in the neck
- d) Skin rash

80. Which of the following factors is most strongly associated with the development of colorectal cancer?

- a) High-fiber diet
- b) Sedentary lifestyle
- c) Family history of colorectal cancer
- d) Low intake of red meat

81. Which of the following is NOT a typical symptom of prostate cancer?

- a) Frequent urination
- b) Pain during urination
- c) Lower back pain
- d) Sudden weight gain

82. What is the significance of "HER2-positive" in breast cancer?

- a) The cancer cells produce excess estrogen
- b) The cancer cells have a mutation in the BRCA gene
- c) The cancer cells have more HER2 receptors, which can promote faster growth
- d) The cancer is caused by HPV infection

83. What is the role of immunotherapy in treating cancer?

- a) To destroy cancer cells using high-energy radiation
- b) To use the body's immune system to attack cancer cells
- c) To shrink tumors using chemotherapy
- d) To remove the tumor surgically

84. Which of the following is a common cause of pancreatic cancer?

- a) Chronic pancreatitis
- b) High salt intake
- c) Excessive alcohol consumption
- d) All of the above

85. Which cancer is commonly associated with the use of tanning beds?

- a) Skin cancer
- b) Bladder cancer
- c) Breast cancer
- d) Colon cancer

86. What is the most effective screening tool for detecting colorectal cancer in people over 50?

- a) Colonoscopy
- b) Mammogram
- c) Pap smear
- d) CT scan

87. What is the first line of treatment for early-stage non-small cell lung cancer?

- a) Chemotherapy
- b) Radiation therapy
- c) Surgery
- d) Immunotherapy

88. What is the purpose of a "biomarker" in cancer diagnosis and treatment?

- a) To measure the tumor's size
- b) To identify genetic mutations in cancer cells
- c) To predict the response to chemotherapy
- d) To determine the spread of cancer

89. Which of the following cancers is most commonly linked to obesity?

- a) Breast cancer
- b) Pancreatic cancer

- c) Liver cancer
- d) All of the above

90. What is the main benefit of early cancer detection through screening?

- a) It guarantees a cure for cancer
- b) It reduces the chance of cancer spreading to other organs
- c) It minimizes the need for treatment
- d) It allows for earlier, more effective treatment and improves survival rates

91. Which of the following is a potential risk factor for developing kidney cancer?

- a) Chronic kidney disease
- b) Smoking
- c) Obesity
- d) All of the above

92. What type of cancer is most commonly diagnosed in young adults between the ages of 15-39?

- a) Leukemia
- b) Lymphoma
- c) Testicular cancer
- d) Melanoma

93. What is the key difference between benign and malignant tumors?

- a) Benign tumors grow uncontrollably, while malignant tumors grow slowly
- b) Benign tumors are non-cancerous, while malignant tumors are cancerous and can spread
- c) Malignant tumors are non-cancerous, while benign tumors are cancerous
- d) Benign tumors always require treatment, while malignant tumors do not

94. Which type of cancer is most strongly associated with a history of tobacco use?

- a) Lung cancer
- b) Bladder cancer
- c) Oral cancer
- d) All of the above

95. What is the main goal of palliative care for cancer patients?

- a) To cure the cancer
- b) To reduce cancer symptoms and improve quality of life
- c) To treat the underlying cause of the cancer
- d) To prevent the cancer from spreading

96. Which of the following cancers is most strongly linked to a history of chronic heartburn or acid reflux?

- a) Esophageal cancer
- b) Stomach cancer
- c) Colorectal cancer
- d) Pancreatic cancer

97. Which of the following cancers is most commonly diagnosed through a blood test for PSA (prostate-specific antigen)?

- a) Prostate cancer
- b) Leukemia
- c) Lung cancer
- d) Colon cancer

98. What is the most common cancer among children?

- a) Leukemia
- b) Brain tumors
- c) Neuroblastoma
- d) Wilms tumor

99. What does "carcinoma in situ" mean?

- a) Cancer that has spread to distant organs
- b) Cancer that has not yet spread beyond its original location
- c) Cancer that has been successfully treated
- d) Cancer that forms from connective tissue

100. Which of the following cancers is most commonly associated with the human papillomavirus (HPV) infection?

- a) Ovarian cancer
- b) Cervical cancer
- c) Colon cancer
- d) Liver cancer