

DISEASE Prevention



SOLUTION PAPER

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5.1 THE CAUSES OF DISEASE
5.2 RISK FACTORS
5.3 PERSONAL HEALTH BEHAVIOURS
5.4 PHYSICAL ACTIVITY
5.5 MEDICAL CARE
5.6 INFECTION CONTROL



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HEALTH SCIENCES

- 1. Stopping or lowering the chance of getting a disease or illness is called:
 - a) Disease detection
 - b) Disease manifestation
 - c) Disease prevention
 - d) Disease creation
- 2. _____ is a medical condition that stops a person's body from working properly.
 - a) Pain
 - b) Disease
 - c) Measurement
 - d) Skill
- **3.** Diseases caused by bacteria, viruses and parasites that can be spread from one person to another are known as a ______ .
 - a) non modifiable risk factors
 - b) non communicable diseases
 - c) modifiable risk factors
 - d) communicable diseases
- **4.** _____ risk factors are the risk factors that you cannot change.
 - a) Communicable
 - b) Modifiable
 - c) Non-modifiable
 - d) Non communicable
- 5. The best way that people can lower their risk of disease is by:
 - a) living a healthy lifestyle
 - b) practicing good personal hygiene
 - c) having regular medical check-ups
 - d) All of the above

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- **6.** _____ is an example of a non-communicable disease.
 - a) Corona virus
 - b) Cardiovascular disease
 - c) Common cold
 - d) Measles

(الحصبة)

- 7. _____ is an example of a modifiable risk factor.
 - a) Gender
 - b) High blood pressure (hypertension)
 - c) Ethnicity
 - d) Family history
- 8. A large group with common customs or origin is called:
 - a) Ethnicity
 - b) Gender
 - c) Mass audience
 - d) People
- 9. An example of a positive health behaviour is:
 - a) Not getting enough sleep
 - b) Poor personal hygiene
 - c) Living a sedentary lifestyle
 - d) Having good personal hygiene
- **10.** Being ______ is a risk factor for many diseases such as cardiovascular disease or diabetes.
 - a) mentally aware
 - b) healthy
 - c) physically active
 - d) overweight or obese



- **11.** Your mental health is linked to a healthy diet, and improving your diet may:
 - a) Improve your mood
 - b) Lower your stress levels
 - c) Help you think more clearly
 - d) All of the above.
- **12.** You should aim to get between _____ of sleep a night as a way of getting enough sleep regularly in order to reduce the risk of disease.
 - a) 4-6 hours
 - b) 12-14 hours
 - c) 5 hours
 - d) 7-9 hours

13. _____ describes how you keep yourself and your surroundings clean.

- a) Practice
- b) Personal hygiene
- c) Health
- d) Immunisation

14. _____ regularly can help to stop bacteria and viruses from spreading.

- a) Physical activity
- b) Washing your hands
- c) Sleeping
- d) Sweating

15. Doing regular physical activity can ______.

- a) help you to increase your body weight
- b) help you to control your body weight.
- c) increase the risk of getting heart disease and stroke
- d) reduce bone and muscular strength



- 16. Exercise is good for your mental and emotional health as it makes your body release ______ which can help reduce stress and improve your mood.
 - a) enzymes
 - b) endorphins
 - c) bacteria
 - d) oxygen

17. Engaging in group sports can help improve your social health by allowing you to

- a) decrease confidence
- b) become anti-social
- c) learn leadership skills
- d) Decrease motivation to exercise
- **18.** ______ a group of hormones which are released by the brain to reduce the pain and increase wellbeing.
 - a) Endorphins
 - b) Insulin
 - c) Thyroxin
 - d) All the above
- **19.** Moderate-intensity activity is when you are working at ______ of your maximum heart rate (MHR).
 - a) 20%
 - b) 70-80%
 - c) 80-85%
 - d) 60-70%
- **20.** A high-intensity activity is an exercise that creates a big increase in your heart and breathing rate working at ______ of your maximum heart rate (MHR).
 - a) 20%
 - b) 90-95%
 - c) 80-85%
 - d) 60-70%



- **21.** A _____ means that a person does not do regular physical activity.
 - a) healthy lifestyle
 - b) sedentary lifestyle
 - c) unhealthy lifestyle
 - d) strict lifestyle

22. _____ is when people are made immune or resistant to an infectious disease, usually by the injection of a vaccine.

- a) Screening
- b) Diagnostic test
- c) Immunisation
- d) Infection
- **23.** _____ is when you already have the antibodies to fight against a disease should the disease enter your body again in future.
 - a) Vaccination
 - b) Infection
 - c) Inflammation
 - d) Immunity

24. Vaccinations save an estimated _____ every year.

- a) 2.5 million lives
- b) 10 million lives
- c) 6 million lives
- d) 500 000 lives
- **25.** ______ are medical tests that doctors use to check for diseases and health conditions in people before there are any signs and symptoms.
 - a) Vaccination status
 - b) Diagnostic tests
 - c) Health visits
 - d) Screenings



- **26.** Regular health checks and screenings are extremely important in disease prevention as they can:
 - a) give you peace of mind
 - b) diagnose diseases or health issues before they start to affect you
 - c) allow you to keep track of your health, such as weight and blood pressure
 - d) All of the above

27. Men in their 40s should do a screening for

- a) Breast cancer
- b) cardiovascular disease and prostate cancer
- c) osteoporosis
- d) All of the above
- **28.** The type of test for that is used in screening to determine prostate cancer for men over 45 years old is ______.
 - a) Lipids test
 - b) Blood pressure measurement
 - c) Blood test or physical examination
 - d) Body mass index (BMI) and waist circumference

29. If a person gets a 'positive' result from screening,

- a) they are healthy.
- b) they will never develop the condition in the future.
- c) they are at low risk of having the condition they were screened for.
- d) they might have the condition they were screened for require further tests to confirm the results.
- **30.** _____ is when antibiotics are overused over time and are no longer as effective in killing bacteria.

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- a) Antibiotic resistance
- b) Antibiotic dependence
- c) Antibiotic restraint
- d) Antibiotic chemicals



31. _____ and _____ are two examples of non-modifiable risk factors.
a) Genetics
b) Overweight
c) Stress
d) Gender

32. Two diseases the UAE vaccinates children against:

- a) Asthma
- b) Tuberculosis (BCG)
- c) Cardiovascular disease
- d) Hepatitis B (Hep B)

(السُّل)

(choose two answers)

(التهاب الكبدبي)

- 33. Two of the four most common non-communicable diseases are:
 - a) cardiovascular disease
 - b) osteoporosis
 - c) cancer
 - d) gastroenteritis
- 34. Which of the following is considered a positive health behaviour?
 - a) Having a sedentary lifestyle
 - b) Eating a balanced diet
 - c) Sleeping for 4 hours per night
 - d) Being dehydrated

35. Which of the following is a modifiable risk factor for disease?

- a) Genetics
- b) Ethnicity
- c) Gender
- d) Hypertension



- 36. What does it mean if a person receives a negative result from disease screening?
 - a) They might have the condition that they were screened for.
 - b) They will never develop the condition for the rest of their life.
 - c) They should do further diagnostic tests to confirm the results.
 - d) They are at low risk of having the condition they were screened for.
- **37.** Which is not a disease that children are vaccinated against in the UAE National Immunisation Programme?
 - a) Polio
 - b) MMR
 - c) HIV
 - d) Influenza

38. Women aged 25-65 should be screened for _____

- a) cervical cancer
- b) breast cancer
- c) prostate cancer
- d) all the options are correct

39. The most common types of healthcare infections are:

- a) surgical infections, in the area a person has been operated on
- b) bloodstream infections
- c) meningitis, an infection of the brain and spinal cord
- d) All of the above

40. PPE stands for

- a) personal protective equipment
- b) personal preference equipment
- c) protective personal equipment
- d) part of possible experience

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- 41. What is immunisation?
 - a) A tool used to test for a disease or illness
 - b) A way to keep track of physical and mental health
 - c) An injection that makes people immune to a disease
 - d) An examination to test if people are resistant to a disease
- 42. Which test is used to screen for breast cancer?
 - a) Pap smear test
 - b) Blood test
 - c) Mammogram
 - d) Lipid test
- 43. A lipid test is used to screen for
 - a) High cholesterol
 - b) bowel cancer
 - c) High blood pressure
 - d) Obesity
- **44.** A woman received a positive result after a screening test for cervical cancer. What does this mean?
 - a) She is immune or resistant to cervical cancer
 - b) She has been diagnosed with cervical cancer
 - c) She is at a low risk of developing cervical cancer
 - d) She may have cervical cancer and should do more tests to confirm

45. What is medical screening?

- a) Testing someone for a disease that they have symptoms of
- b) Testing someone for a disease before they have any signs or symptoms
- c) Giving vaccines to children against certain diseases
- d) Medication designed to kill bacteria and prevent infections from spreading



- **46.** Brushing your teeth, taking a shower, and putting on clean clothes in the morning is an example of good ______ .
 - a) personal hygiene
 - b) physical activity
 - c) diet
 - d) sleeping pattern
- 47. Which of the following is an example of high-intensity physical activity?
 - a) Swimming slowly
 - b) Golf
 - c) Walking
 - d) Playing football

48. How frequently should women aged 40-69 undergo screening for breast cancer?

- a) Every year
- b) Every 2 years
- c) Every 3 years
- d) Every 5 years

49. Which of the following risk factors are modifiable?

(Select three)

- a) Gender
- b) Sedentary lifestyle
- c) Smoking
- d) Ethnicity
- e) Hypertension
- f) Family history

50. Which of the following tests is used to screen for diabetes?

- a) Blood pressure measurement
- b) Fasting blood glucose test
- c) Pap smear test
- d) Mammogram





- 51. Which of the following can help to prevent a communicable disease?
 - a) Stopping smoking
 - b) Losing weight
 - c) Doing exercise daily
 - d) Good personal hygiene

52. How can you improve your sleep?

- a) Drink caffeine before bed
- b) Use your phone or laptop in bed
- c) Go to bed at the same time every night
- d) Aim for 3-5 hours of sleep a night
- 53. A colonoscopy test is used to screen for which disease?
 - a) Obesity
 - b) Hypertension
 - c) Bowel cancer
 - d) Breast cancer
- 54. When should a doctor use a diagnostic test?
 - a) To check for early signs of a disease
 - b) To confirm the presence or absence of a disease
 - c) If a person is not showing signs or symptoms of a disease
 - d) If a person has had a negative result from a screening test

55. A healthy diet can reduce the risk of certain diseases by

- a) Consuming enough nutrients
- b) Getting enough sleep
- c) Having good personal hygiene
- d) Being physically active



Additional & Previous Questions

- **56.** The doctor has prescribed a course of antibiotics to Latifa to cure her tonsilitis and to prevent it from spreading to other people. Antibiotics designed to kill:
 - a) bacteria
 - b) fungi
 - c) viruses
 - d) all of the options are correct



IT THE CAUSES OF DISEASE



B RISK FACTORS

5.3 PERSONAL HEALTH BEHAVIOURS

5.4 PHYSICAL ACTIVITY

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5.2 RISK FACTORS

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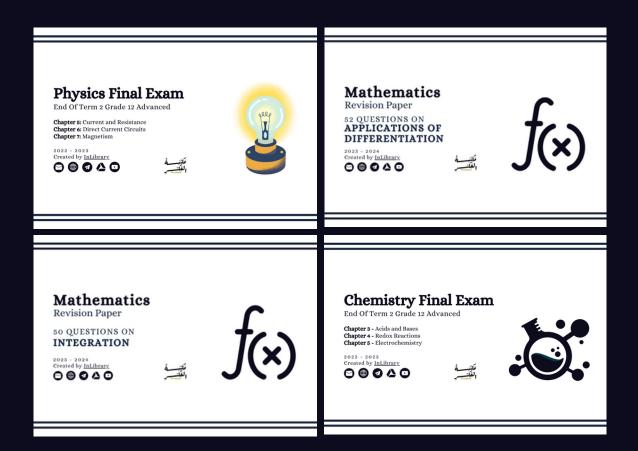






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UNIT 5

DISEASE PREVENTION

Resources

- G12 Term 2 Unit 5: Disease Prevention
- Previous Final Exams
- Skills Check Question
- Practice Exam Questions

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Related Files:

Health Science Textbook T2 2022-2023

Health Science Unit 5 Summary 2022-2023

Health Science Unit 5 2022-2023

Health Science EOT2 Revision Files

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