Praktis Stimulus

Praktis Ekstra

Kuiz

Bahagian A

4.1 Penyakit Berjangkit dan Penyakit Tidak Berjangkit
Infectious and Non-infectious Diseases

1 Rajah di bawah menunjukkan bacaan tekanan darah bagi seorang pesakit.
The diagram below shows the blood pressure reading of a patient.

Antara pernyataan berikut, yang manakah benar tentang penyakit yang dialami oleh pesakit tersebut?
Which of the following statements is true about the disease suffered by the patient?

A Merupakan penyakit berjangkit
It is an infectious disease

B Pesakit adalah lemah dan mudah dijangkiti penyakit lain
The patient is weak and easily infected with other diseases

C Disebabkan oleh jangkitan terus oleh patogen melalui medium luar
It is caused by infection of pathogens directly through external medium

D Penyakit ini tidak dapat berpindah daripada seorang individu kepada individu lain
This disease cannot be transmitted from one individual to another

2 Antara berikut, yang manakah menunjukkan padanan yang betul?
Which of the followings shows the correct match?

	Vektor *Vector*	Patogen *Pathogen*
A	Lalat *Fly*	*Salmonella typhi*
B	Lipas *Cockroach*	Bakteria *Leptospira* sp. *Leptospira sp. bacteria*
C	Nyamuk Aedes *Aedes mosquito*	*Plasmodium malariae*
D	Nyamuk Anopheles *Anopheles mosquito*	Virus *Virus*

3 Rajah berikut menunjukkan Salim telah dijangkit oleh sejenis penyakit.
The following diagram shows Salim is infected with a type of disease.

Apakah yang perlu dilakukan oleh Salim untuk mengelakkan penyakit ini daripada tersebar?
What should be done by Salim to prevent the disease from spreading?

A Minum air yang banyak
Drink a lot water

B Menutup mulut dan hidung semasa batuk
Cover the mouth and nose when coughing

C Makan vitamin E yang secukupnya setiap hari
Consume enough amount of vitamin E everyday

D Mengelakkan berkongsi barangan peribadi seperti tuala dan sikat rambut
Avoid sharing personal belongings such as towel and hair comb

4 Rajah berikut menunjukkan banjir berlaku semasa musim monsun.
The following diagram shows flood occurs during monsoon season.

Antara penyakit berikut, yang manakah paling mudah tersebar semasa banjir?
Which of the following diseases is easily spread during flood?

A Kurap
Ringworm

B Malaria
Malaria

C Demam kepialu
Typhoid

D Sindrom Pernafasan Akut Teruk (SARS)
Severe Acute Respiratory Syndrome (SARS)

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5 Jadual berikut menunjukkan statistik punca kematian di negara P.
The following table shows the statistics for causes of death in country P.

Jenis penyakit *Type of disease*	Jumlah kematian *Total death*
Serangan jantung *Heart attack*	70
Kanser *Cancer*	46
Diabetes *Diabetes*	38
Denggi *Dengue*	30
Taun *Cholera*	21
AIDS	13

Berdasarkan jadual di atas, apakah penyakit yang disebarkan oleh vektor?
Based on the table above, what are the diseases spread by vectors?

A Taun dan AIDS
Cholera and AIDS
B Denggi dan taun
Dengue and cholera
C Diabetes dan AIDS
Diabetes and AIDS
D Serangan jantung dan kanser
Heart attack and cancer

6 Maklumat berikut menunjukkan beberapa peringkat dalam penyebaran penyakit oleh nyamuk.
The following information shows a few stages in the spreading of a disease by mosquitoes.

P – Nyamuk lain menggigit mangsa yang telah dijangkiti.
Another mosquito bites the infected person.
Q – Nyamuk yang telah mempunyai patogen di dalam kelenjar air liurnya menghisap darah orang yang belum dijangkiti.
A mosquito that already has pathogens in its salivary glands sucks the blood of an uninfected person.
R – Jangkitan merebak ke seluruh badan dan ke dalam sel darah merah.
The infection spreads throughout the body and into the red blood cells.
S – Nyamuk menyebarkan jangkitan ke mangsa lain.
The mosquito transmits the infection to another victim.

Antara berikut, yang manakah disusun mengikut urutan yang betul?
Which of the following is arranged in the correct sequence?

A P → R → Q → S
B P → S → Q → R
C Q → R → P → S
D Q → S → P → R

7 Antara penyakit berikut, yang manakah disebarkan melalui sentuhan?
Which of the following diseases are spread through contact?

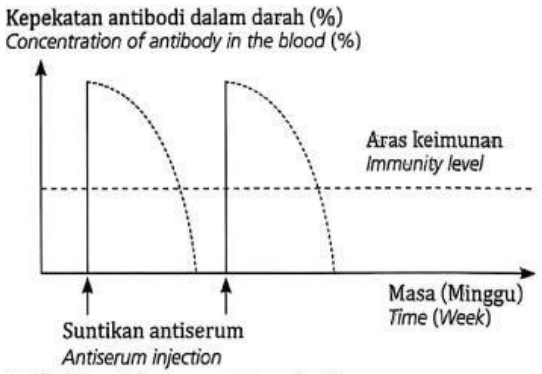
A Sifilis / *Syphilis*
B Kolera / *Cholera*
C Selesema / *Flu*
D Cacar air / *Chicken pox*

4.2 Pertahanan Badan *Body Defence*

8 Antara pasangan berikut, yang manakah dipadankan dengan betul?
Which of the following pairs is matched correctly?

	Mekanisme pertahanan badan *Body defence mechanism*	Melibatkan *Involve*
A	Barisan pertahanan pertama *First line of defence*	Fagositosis *Phagocytosis*
B	Barisan pertahanan kedua *Second line of defence*	Kulit dan membran mukus *Skin and mucous membrane*
C	Barisan pertahanan ketiga *Third line of defence*	Penghasilan antibodi *Production of antibodies*
D	Barisan pertahanan kedua *Second line of defence*	Suntikan vaksin *Vaccine injection*

9 Rajah di bawah menunjukkan graf bagi sejenis keimunan.
The diagram below shows the graph of a type of immunity.



Apakah jenis keimunan tersebut?
What is the type of immunity?

A Keimunan aktif buatan
Active artificial immunity
B Keimunan pasif buatan
Passive artificial immunity
C Keimunan aktif semula jadi
Active natural immunity
D Keimunan pasif semula jadi
Passive natural immunity

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10 Seorang pesakit telah didiagnosis mengalami jangkitan saluran kencing. Doktor menasihatinya untuk mengambil antibiotik mengikut dos dan masa yang ditetapkan. Mengapakah dia mesti mengikut nasihat doktor?
A patient has been diagnosed from urinary tract infection. The doctor advises him to take antibiotics at the prescribed dose and time. Why must he follow the doctor's advice?

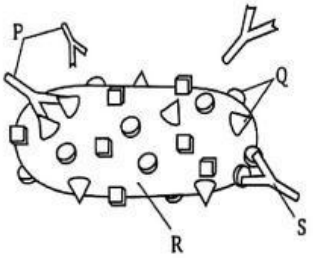
A Mengelakkan daripada dijangkiti semula penyakit yang sama
Prevents the same disease from occurring again

B Sebagai jaminan berganda kepada sistem keimunan
As a double secure to the immune system

C Meningkatkan penghasilan antibodi bagi mencapai aras keimunan
To boost the production of antibodies to achieve the immunity level

D Memastikan antibiotik berada pada tahap optimum kerana ia boleh disingkirkan dari badan
To ensure the antibiotics are at the optimum level as they can be excreted from his body

11 Rajah berikut menunjukkan barisan pertahanan ketiga di dalam badan manusia.
The following diagram shows the third line of defence in the human body.



Antara pernyataan berikut, yang manakah benar?
Which of the following statements is true?

A Q ialah patogen, iaitu bendasing yang datang dari luar badan
Q is a pathogen which is a foreign substance that comes from the outside of the body

B S ialah virus yang telah dilemahkan atau mati, atau bakteria yang dikenali sebagai vaksin
S is a weakened or dead virus or bacteria which is called vaccine

C R ialah antigen yang merupakan sebarang bahan yang merangsang sistem keimunan untuk menghasilkan antibodi
R is an antigen which is any substance that stimulates the immune system to produce antibodies

D P ialah antibodi yang merupakan protein yang dihasilkan oleh sel darah putih ke dalam aliran darah untuk bergerak balas terhadap antigen
P is an antibody which is a protein produced by white blood cells into the bloodstream in response to antigens

12 Antara penyakit berikut, yang manakah dapat dicegah melalui pemvaksinan?
Which of the following diseases can be prevented through vaccination?

A Tetanus
Tetanus

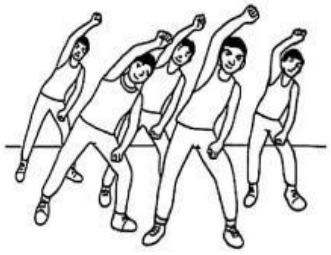
B Denggi
Dengue

C Kencing tikus
Leptospirosis

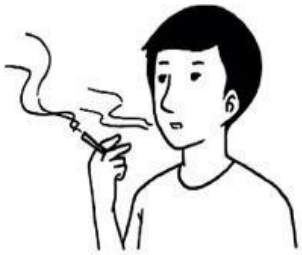
D Sindrom Pernafasan Akut Teruk (SARS)
Severe Acute Respiratory Syndrome (SARS)

13 Antara amalan berikut, yang manakah boleh meningkatkan keimunan badan?
Which of the following practices can enhance body immunity?

A



B



C

D

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