SAMPEL PERCUMA

Skema Jawapan Trial STPM Biologi Semester 1

Set penuh: Kertas Percubaan STPM

Sem 1 · Biologi

Sampel ini: 4 muka surat. Set penuh ada:

- 2 fail PDF
- Semester 1: kertas percubaan (trial) negeri, subjek yang dipilih + skema
- Blueprint 30 hari Semester 1 (setiap subjek)
- Semester 3: percubaan 2024, 10 subjek, banyak negeri, soalan + skema dalam satu fail

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Sampel bermula di muka surat sebelah

Nombor kad pengenalan…….……....Nombor pusat/angka giliran…….....

964/1 **TRIAL STPM 2022**

BIOLOGY (BIOLOGI) SET 1
PAPER 1 (KERTAS 1)
One and a half hours(1 jam 30 minit)
SIJIL TINGGI PERSEKOLAHAN MALAYSIA
(MALAYSIA HIGHER SCHOOL CERTIFICATE)

For Examiner usage	
Section A	
15 questions	
Section B	
16	
17	
Section C	
Total	

Instructions to candidates:

DO NOT OPEN THIS QUESTION PAPER UNTIL YOU ARE ALLOWED TO DO SO
Answer all questions in Section A.
Answer all questions in Section B.
Answer two questions only in Section C.
All working should be shown. For numerical answers, unit should be quoted wherever appropriate.
Answer may be written in English or Malay.

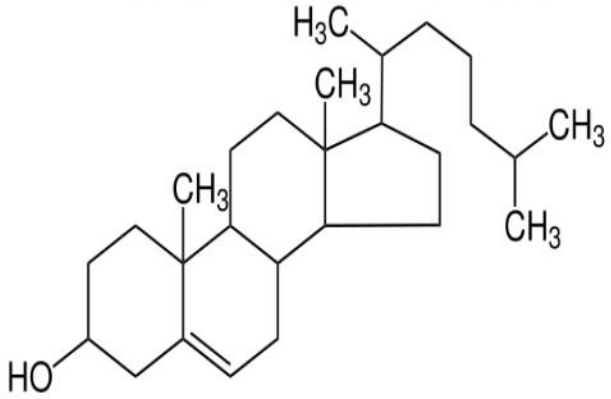
This question paper consists of 9 printed pages.

Section B [15 marks]

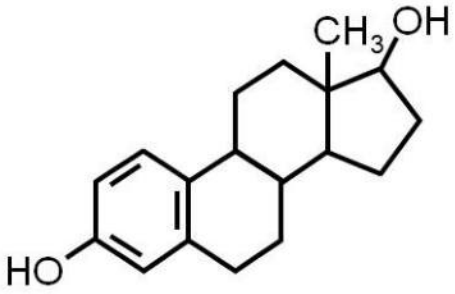
Answer **all** *questions in this section.*

Write the answers in the spaces provided.

16 The diagram below shows the structure of lipids.



X



Y

(a) Name the type of lipids shown in the diagram. [1 mark]

……

(b) Name ***X*** and ***Y*** [2 marks]

X:……

Y:……

(c) Draw a circle that shows hydrophilic end at structure ***X***. [1 mark]

(d) State a characteristic of this lipids based on its polarity.Explain your answer.

[2 marks]

……

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……

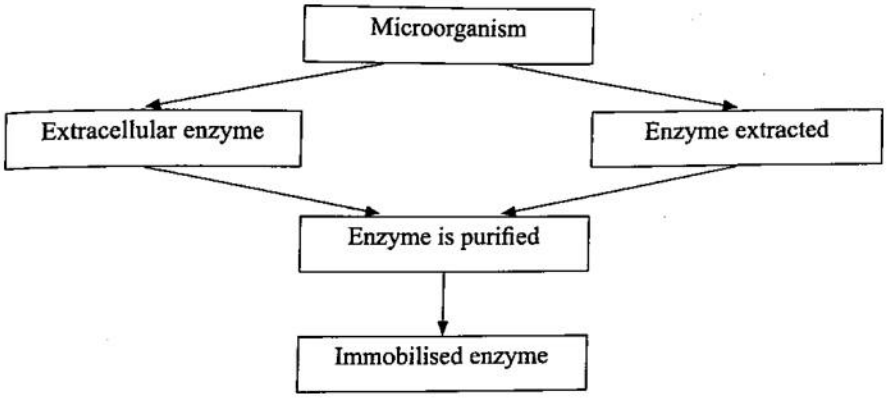
……

(e) State a function of ***X*** in the plasma membrane. [1 mark]

……

……

17 The diagram below shows two methods in which enzymes can be produced for industrial processes.



(a) What is meant by 'enzyme immobilisation'? [2 marks]

.....

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(b) Explain briefly three ways in which enzymes can be immobilized. [3 marks]

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(c) State three advantages of using immobilized enzymes. [3 marks]

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Scheme for Trial STPM Biology Term 1 2022 Set 1

Section A

Nu.	Answer
1	B
2	C
3	C
4	B
5	D
6	D
7	B
8	D
9	A
10	D
11	B
12	A
13	C
14	B
15	C

Section B

16. (a) Steroids **[1 mark]**

(b) ***X***: Cholesterol

Y: Oestrogen **[2 marks]**

TAMAT SAMPEL

Suka sampel ini?

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