

STUDENT'S
COPY

DIAGNOSTIC TEST

(UJIAN DIAGNOSTIK)

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SCIENCE

FORM 3

MODULE 5

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GROWTH



MINISTRY OF EDUCATION MALAYSIA

SCIENCE FORM 3

MODULE 5: GROWTH

Arahan:

1. Modul ini mengandungi **dua puluh enam** soalan. Semua soalan adalah dalam bahasa Inggeris.
2. Modul merangkumi **enam** konstruk yang diuji
K1-Memahami soalan dalam Bahasa Inggeris
K3-Memahami istilah sains dalam Bahasa Inggeris
K5-Menguasai konstruk pengetahuan
K6-Menguasai konstruk kefahaman
K7-Menguasai konstruk kemahiran
K10-Memahami pengajaran dan pembelajaran dalam Bahasa Inggeris
3. Murid hendaklah menulis maklumat diri dalam kertas jawapan objektif disediakan. Murid juga perlu memastikan maklumat konstruk, nombor soalan dan jumlah soalan seperti yang dibaca oleh guru di dalam ruangan disediakan dalam kertas jawapan objektif sebelum ujian.
4. Bagi **soalan objektif**, anda perlu menandakan jawapan dengan **menghitamkan pilihan jawapan** pada pilihan jawapan **A** , **B** , **C** atau **D** pada kertas jawapan objektif.

Contoh:

Antara berikut, yang manakah haiwan?

A. Pokok B. Kambing C. Kereta D. Pen

A B C D E

5. Bagi **soalan 24 hingga 26**, soalan dikemukakan secara lisan oleh guru manakala jawapan diberi secara bertulis oleh pelajar.
6. Jawab **semua** soalan.

Modul ini mengandungi **13** halaman bercetak

1 Growth is a process of changes in size, shape and function of cell that occur in human.
How many changes are there in a human growth?

A 2

B 3

C 4

2 The stages in human growth are infancy, childhood, adolescence, adulthood and old age.
What is the last stage in a human growth?

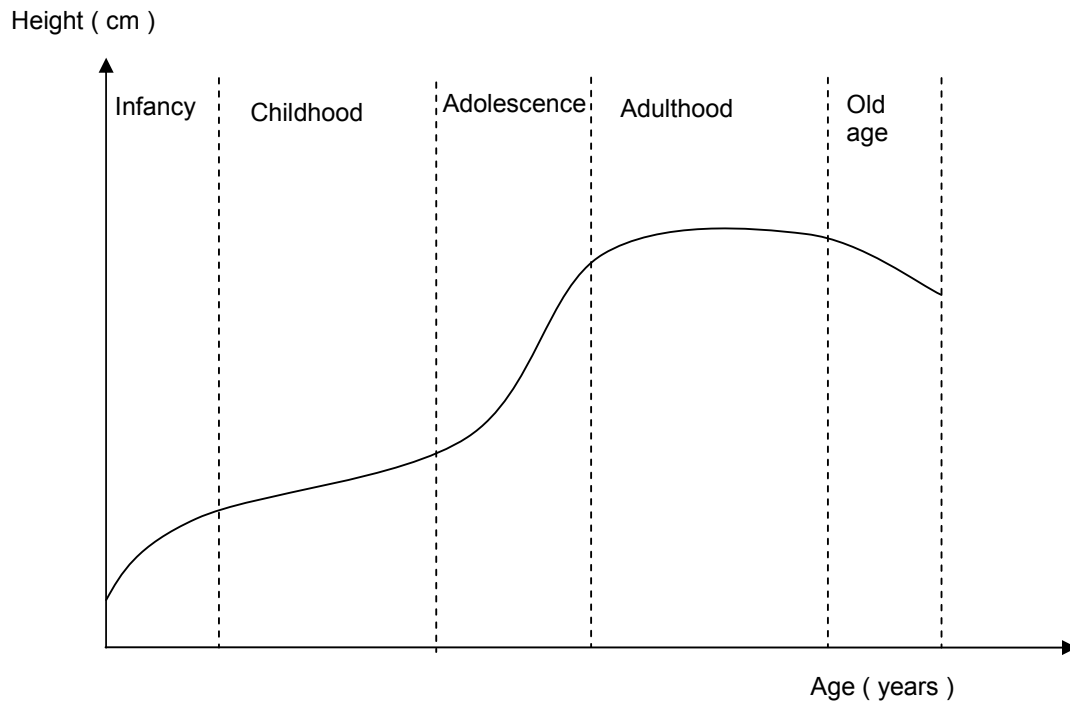
A Childhood

B Adolescence

C Adulthood

D Old age

3 The figure shows the human growth curve.

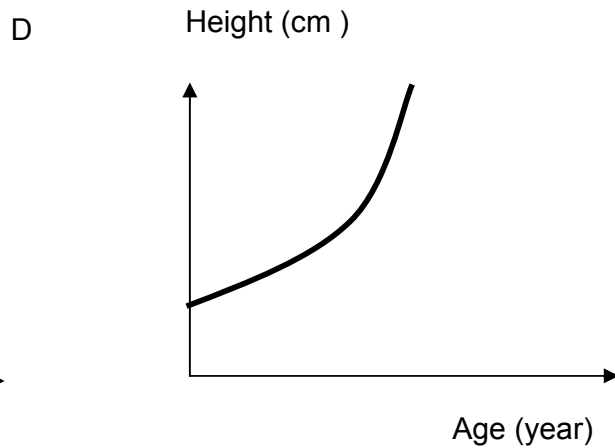
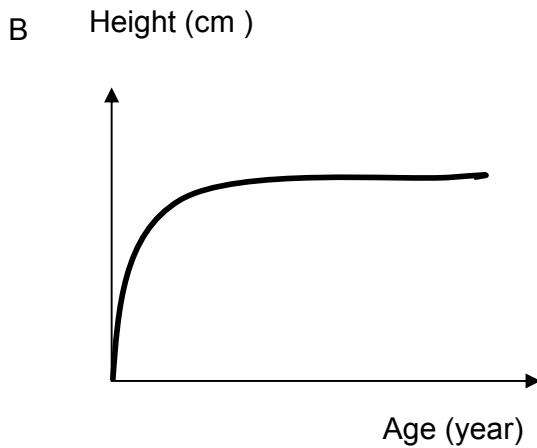
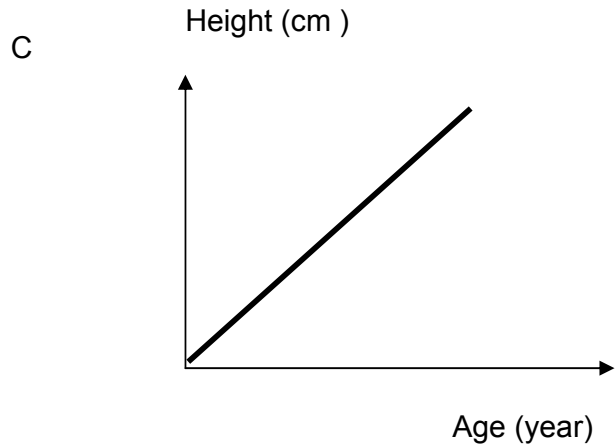
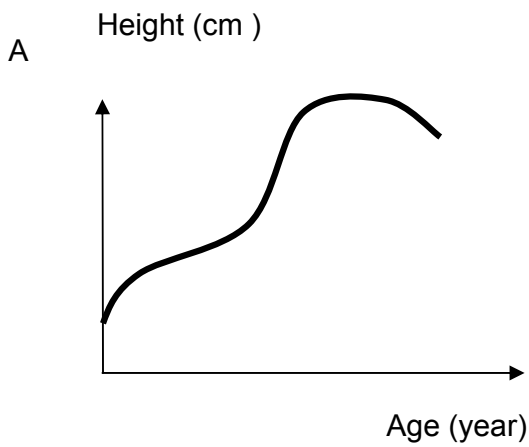


How many stages are there in the growth curve?

- A 4
 - B 5
 - C 6
- 4 The human body stop develops when they reach certain age. The stage is known as _____
- A childhood
 - B adolescence
 - C adulthood
 - D old age
- 5 A process of changes in size, shape and function of cells that occur in a human is known as _____
- A puberty
 - B growth
 - C height

- 6 The stage between childhood and adulthood is known as _____
- A infancy
 - B childhood
 - C adolescence
 - D old age
- 7 A graph that shows the growth rate of an individual is known as _____
- A rapid growth
 - B growth curve
 - C positive growth
 - D negative growth
- 8 Which of the following statements is/are **correct** about growth?
- I It is reversible
 - II It is permanent
 - III The number of body cells increases
- A only
 - B and II only
 - C and III only
 - D and III only
- 9 At which stage do the boys grow faster than the girls?
- A Old age
 - B Infancy
 - C Childhood
 - D Adolescence

10 Which of the following graphs represents the correct human growth curve?



11 At which stage does the puberty occur in boys and girls?

- A Infancy
- B Adulthood
- C Childhood
- D Adolescence

12 Which of the following characteristics are used to measure growth?

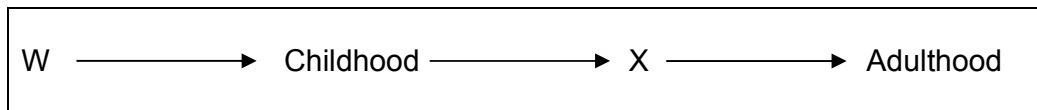
- I Height
- II Weight
- III Body shape

- A I and II only
- B I and III only
- C I, II and III

13 A man experiences a negative growth in height when he reaches _____

- A infancy
- B adolescence
- C old age
- D adult

14 Figure shows the stages of human growth in correct sequence



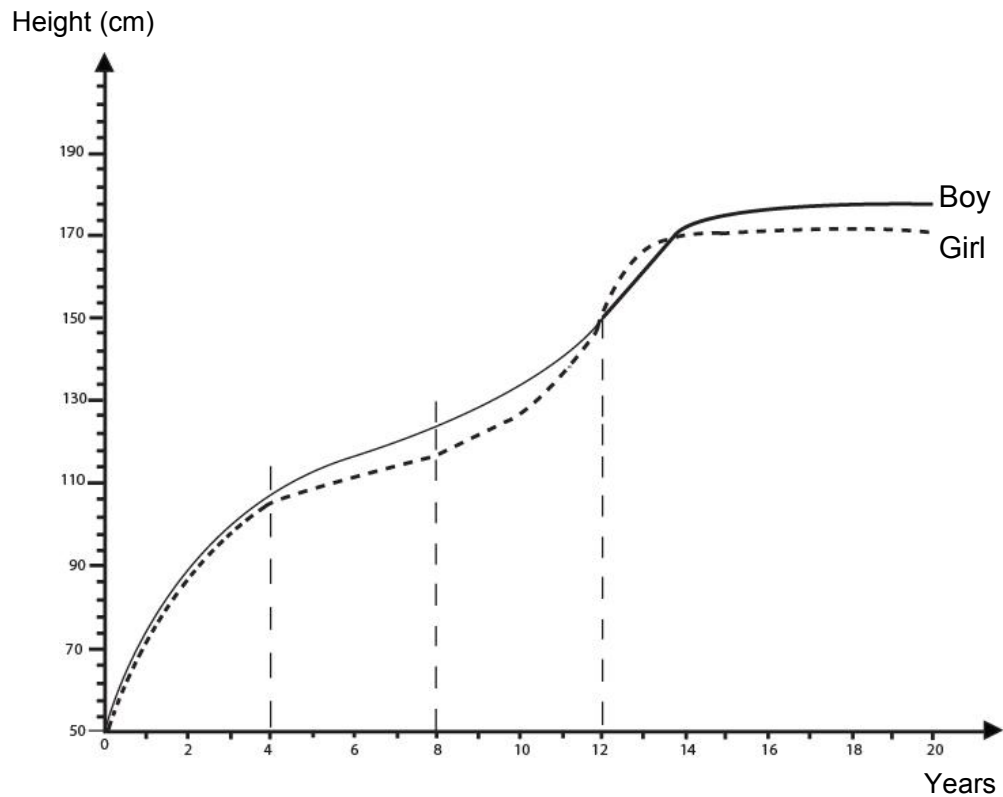
Which stages do W and X represent?

	W	X
A	adolescence	old age
B	old age	infancy
C	infancy	adolescence
D	infancy	old age

15 At what stage do the girls grow faster in height than the boys?

- A Old age
- B Childhood
- C Adulthood
- D Adolescence

16 The graph shows the comparison between the height of a boy and a girl.



What is your conclusion?

- A A boy is always taller than a girl
- B There is no increase in the boy's height at the age of 4 to 8
- C The growth rate of a girl is the fastest at the age of 8 to 12

17 The information describes a particular stage in human growth.

- Experiences menstruation
- Pelvis become broader
- Occurs at the age of 11- 12 years old

What stage is it?

- A Infancy
- B Old Age
- C Childhood
- D Adolescence

18 Which of the following has negative affect the growth of a child?

- I Increased intake of salt
- II Increased intake of sugar
- III Increased intake of milk

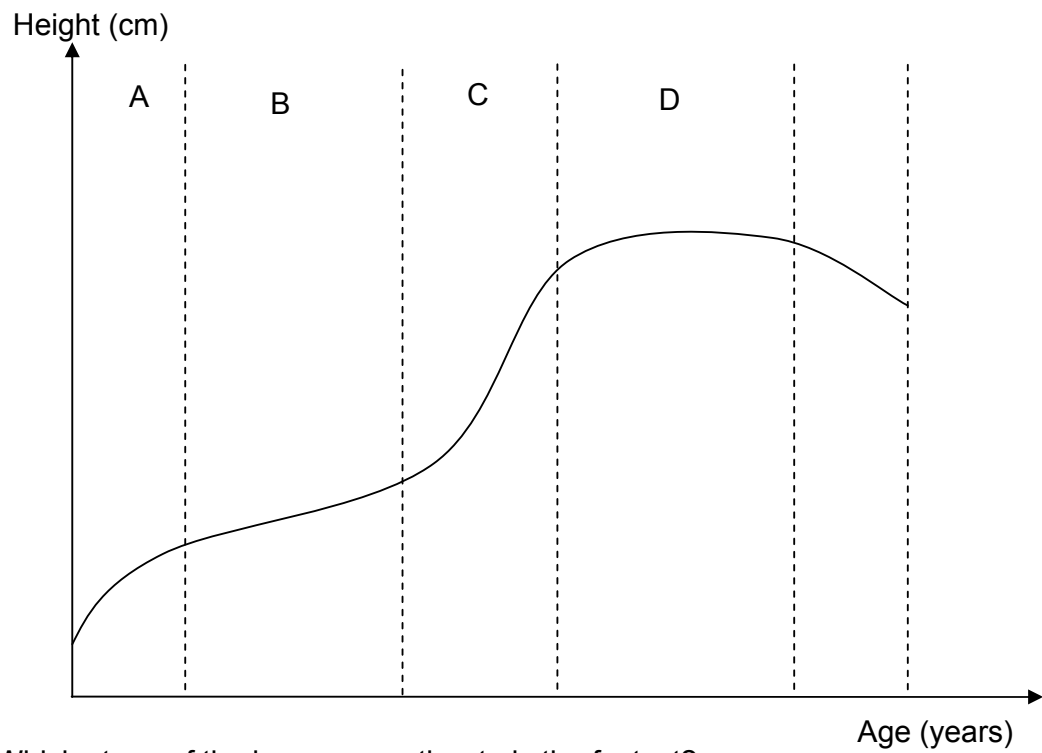
- A I and II only
- B I and III only
- C II and III only
- D I, II and III only

19 Which part of the human body stops growing in a person's life?

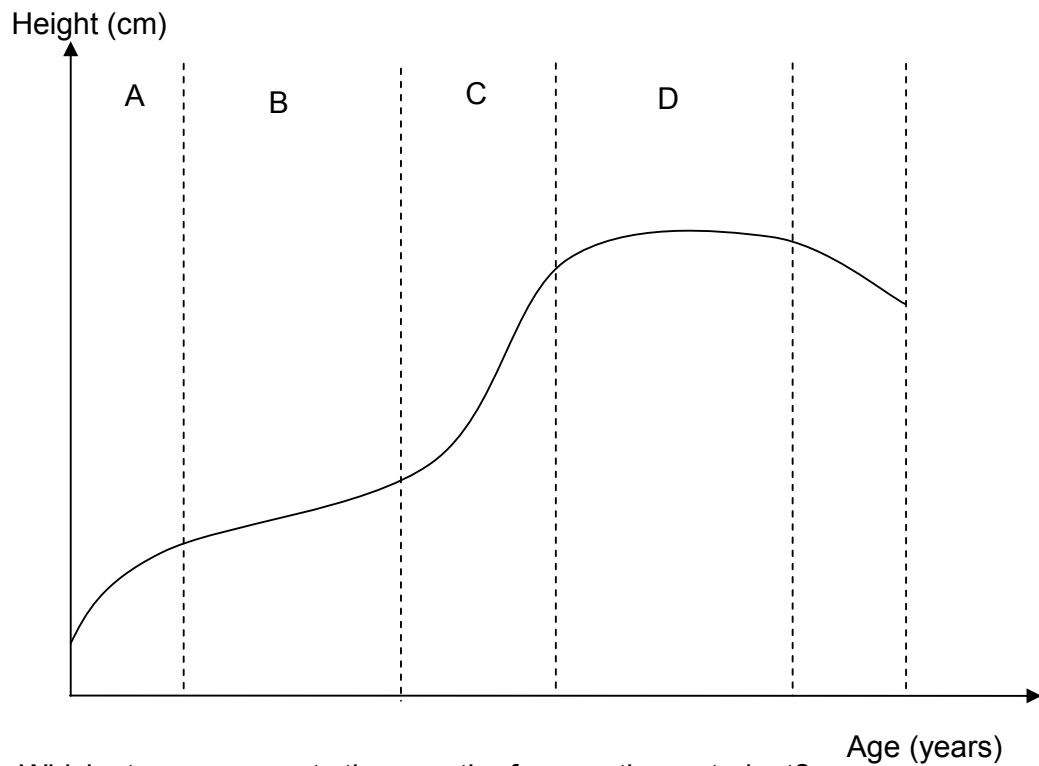
- I Teeth
- II Skin
- III Hair

- A I only
- B II only
- C I and II only
- D II and III only

20 Figure shows the growth curve of a human.

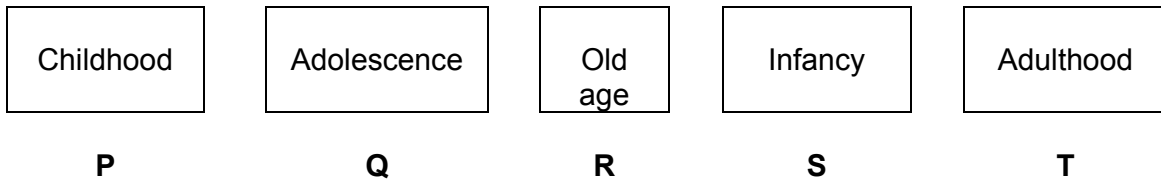


21 The figure shows the growth curve of a human.



Which stage represents the growth of a year three student?

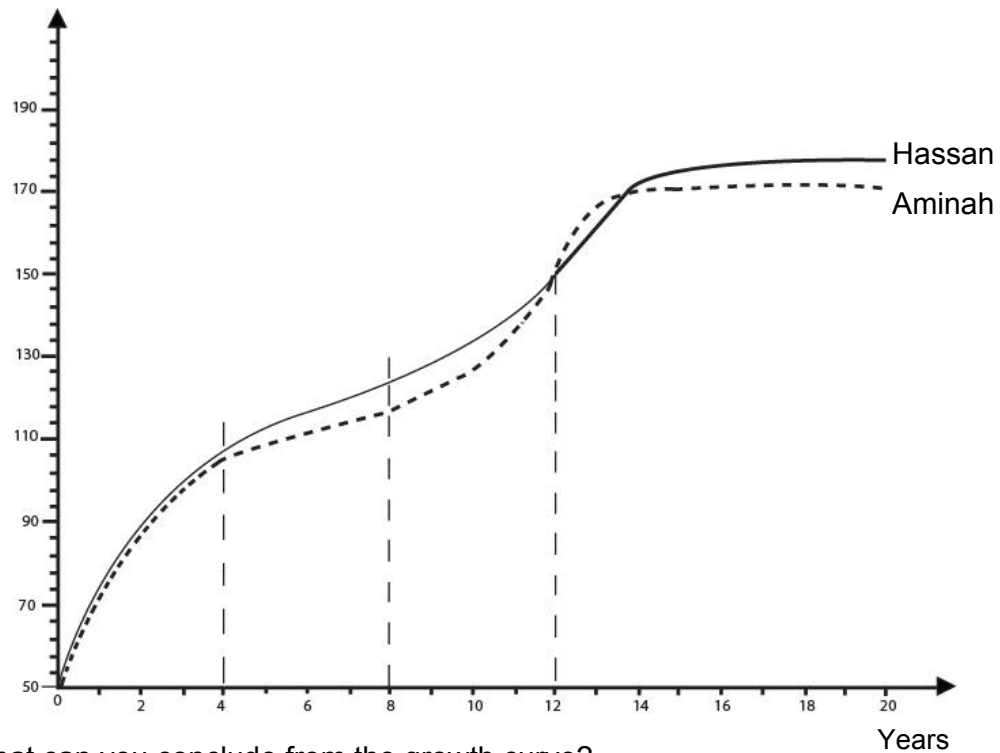
22 The figure shows stages of in human growth.



The correct sequence for the growth is _____

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

- 23 The figure shows the growth curve of Aminah and Hassan
Height (cm)



- .What can you conclude from the growth curve?
- A During infancy, Hassan is taller than Aminah.
 - B During adolescence, Aminah is shorter than Hassan
 - C During adulthood, Hassan is taller than Aminah.
 - D During childhood, Hassan is shorter than Aminah.
- 24 Choose the **correct** statement
- A Growth is the increase in weight only
 - B Growth is the increase in height only
 - C Growth is the increase in weight and height
- 25 What are the minerals and vitamins needed by children for a healthy growth?
- A I and II only
 - B I and III only
 - C II and III only
 - D I, II and III only

26 How many stages are there in the human growth curve? How many stages are there in the human growth curve?

A 2

B 3

C 4

D 5



KEMENTERIAN PELAJARAN MALAYSIA
KERTAS JAWAPAN OBJEKTIF
Ujian Diagnostik



Nama Pelajar:

Tahun/ Tingkatan : 3 Mata Pelajaran: SAINS

Nama Sekolah: Modul: 5

GUNAKAN PENSIL 2B ATAU BB SAHAJA.
TENTUKAN TIAP-TIAP TANDA ITU HITAM DAN MEMENUHI KESELURUHAN RUANG.
PADAMKAN HINGGA HABIS MANA-MANA TANDA YANG ANDA UBAH
SILA HITAMKAN JAWAPAN DI BAWAH MENGIKUT HURUF JAWAPAN YANG ANDA PILIH

- | | | | | | |
|----|---------------------|----|---------------------|----|---------------------|
| 1 | (A) (B) (C) (D) (E) | 31 | (A) (B) (C) (D) (E) | 46 | (A) (B) (C) (D) (E) |
| 2 | (A) (B) (C) (D) (E) | 32 | (A) (B) (C) (D) (E) | 47 | (A) (B) (C) (D) (E) |
| 3 | (A) (B) (C) (D) (E) | 33 | (A) (B) (C) (D) (E) | 48 | (A) (B) (C) (D) (E) |
| 4 | (A) (B) (C) (D) (E) | 34 | (A) (B) (C) (D) (E) | 49 | (A) (B) (C) (D) (E) |
| 5 | (A) (B) (C) (D) (E) | 35 | (A) (B) (C) (D) (E) | 50 | (A) (B) (C) (D) (E) |
| 6 | (A) (B) (C) (D) (E) | 36 | (A) (B) (C) (D) (E) | 51 | (A) (B) (C) (D) (E) |
| 7 | (A) (B) (C) (D) (E) | 37 | (A) (B) (C) (D) (E) | 52 | (A) (B) (C) (D) (E) |
| 8 | (A) (B) (C) (D) (E) | 38 | (A) (B) (C) (D) (E) | 53 | (A) (B) (C) (D) (E) |
| 9 | (A) (B) (C) (D) (E) | 39 | (A) (B) (C) (D) (E) | 54 | (A) (B) (C) (D) (E) |
| 10 | (A) (B) (C) (D) (E) | 40 | (A) (B) (C) (D) (E) | 55 | (A) (B) (C) (D) (E) |
| 11 | (A) (B) (C) (D) (E) | 41 | (A) (B) (C) (D) (E) | 56 | (A) (B) (C) (D) (E) |
| 12 | (A) (B) (C) (D) (E) | 42 | (A) (B) (C) (D) (E) | 57 | (A) (B) (C) (D) (E) |
| 13 | (A) (B) (C) (D) (E) | 43 | (A) (B) (C) (D) (E) | 58 | (A) (B) (C) (D) (E) |
| 14 | (A) (B) (C) (D) (E) | 44 | (A) (B) (C) (D) (E) | 59 | (A) (B) (C) (D) (E) |
| 15 | (A) (B) (C) (D) (E) | 45 | (A) (B) (C) (D) (E) | 60 | (A) (B) (C) (D) (E) |

- | | |
|----|---------------------|
| 16 | (A) (B) (C) (D) (E) |
| 17 | (A) (B) (C) (D) (E) |
| 18 | (A) (B) (C) (D) (E) |
| 19 | (A) (B) (C) (D) (E) |
| 20 | (A) (B) (C) (D) (E) |
| 21 | (A) (B) (C) (D) (E) |
| 22 | (A) (B) (C) (D) (E) |
| 23 | (A) (B) (C) (D) (E) |
| 24 | (A) (B) (C) (D) (E) |
| 25 | (A) (B) (C) (D) (E) |
| 26 | (A) (B) (C) (D) (E) |
| 27 | (A) (B) (C) (D) (E) |
| 28 | (A) (B) (C) (D) (E) |
| 29 | (A) (B) (C) (D) (E) |
| 30 | (A) (B) (C) (D) (E) |

	<u>Konstruk</u>	<u>No. Soalan</u>	<u>Jumlah Soalan</u>	<u>Bilangan Soalan Gagal Dijawab</u>	<u>Kegunaan Guru</u>
1	K1	1-3	3	<input type="checkbox"/>	<input type="checkbox"/>
2	K3	4-8	5	<input type="checkbox"/>	<input type="checkbox"/>
3	K5	9-15	7	<input type="checkbox"/>	<input type="checkbox"/>
4	K6	16-19	4	<input type="checkbox"/>	<input type="checkbox"/>
5	K7	20-23	4	<input type="checkbox"/>	<input type="checkbox"/>
6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	K10	24-26	3	<input type="checkbox"/>	<input type="checkbox"/>
8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>