

SKEMA JAWAPAN UJIAN MAC 2009 BIOLOGI F5

SOALAN OBJEKTIF

1	A (k)	16	A (c)
2	D (k)	17	C (a)
3	D (a)	18	D (k)
4	B (k)	19	B (k)
5	A (a)	20	B (a)
6	C (c)	21	A (k)
7	D (c)	22	D (c)
8	D (a)	23	C (c)
9	C (c)	24	C (k)
10	C (c)	25	D (k)
11	B (k)	26	D (a)
12	C (c)	27	C (c)
13	B (a)	28	A (k)
14	A (a)	29	C (c)
15	C (k)	30	A (c)

Petunjuk: (a) – application level (k) – knowledge level (c) –comprehension level

SOALAN STRUKTUR

No.	Answer	Mark	Total
	<u>PAPER 2</u>		
1 a	<i>P</i> : Artery <i>R</i> : Capillary <i>T</i> : Vein	1 1 1	3
b	P1 - P has a thick wall whereas T has a thin wall P2 – P has big lumen whereas T has small lumen	1 1	2
c	P1 – Supply nutrients and oxygen to the cells // site for gases exchanged P2 – Bring out the waste products from the cells	1 1	2
d	i. Blood ii. Platelets	1 1	2
e	i. <i>T</i> / vein	1	1
2	a) <i>P</i> : Tendon	1 1	

	Q : Triceps R : Biceps S : Scapula	1 1	4
	b) Joins muscles to bones	1	1
	c) The arm cannot bend	1	1
	d) i) Antagonistic muscles ii) Muscles only pull. Therefore, muscles must work in pairs. When one muscle pulls the bone in one direction, the other one must pull the bones in the opposite direction	1 1 1 1	4