



TOPIKAL KERTAS 1 BIOLOGI TINGKATAN 5

PERCUBAAN NEGERI 2021 & 2022

Prepared by :
MRSM Biology Unit

BAB 1 TINGKATAN 5

CHAPTER 1: ORGANISATION OF PLANT TISSUES AND GROWTH

1.	D	12.	A
2.	B	13.	B
3.	B	14.	B
4.	D	15.	D
5.	C	16.	B
6.	B	17.	B
7.	D	18.	D
8.	C	19.	C
9.	D	20.	B
10.	D	21.	B
11.	C	22.	A

BAB 2 TINGKATAN 5

CHAPTER 2: LEAF STRUCTURE AND FUNCTION

1.	A	11.	D
2.	B	12.	B
3.	D	13.	D
4.	C	14.	D
5.	D	15.	A
6.	B	16.	A
7.	D	17.	B
8.	B	18.	B
9.	C		
10.	A		

SKEMA JAWAPAN TINGKATAN 5

BAB 3

NUTRISI DALAM TUMBUHAN

NUTRITIONS IN PLANT

1	B	13	C	25	C
2	D	14	B	26	B
3	A	15	A	27	C
4	B	16	B	28	B
5	C	17	C	29	B
6	B	18	B	30	C
7	B	19	B	31	A
8	A	20	D	32	B
9	B	21	C	33	A
10	B	22	C	34	C
11	C	23	B		
12	B	24	B		

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BAB 4

PENGANGKUTAN DALAM TUMBUHAN

TRANSPORT IN PLANT

1	A	17	B	33	A
2	A	18	C	34	D
3	B	19	B	35	B
4	A	20	D	36	B
5	C	21	A	37	C
6	B	22	D	38	A
7	B	23	B	39	A
8	D	24	A	40	D
9	D	25	B	41	D
10	D	26	D	42	C
11	A	27	A	43	B
12	B	28	C	44	B
13	B	29	A	45	B
14	C	30	B	46	B
15	D	31	D	47	B
16	D	32	C	48	D

ANSWER SCHEME/ JAWAPAN**BAB 5: GERAK BALAS DALAM TUMBUHAN****CHAPTER 5: RESPONSE IN PLANT**

1	A	11	A	21	C	31	B
2	C	12	D	22	A		
3	C	13	C	23	A		
4	D	14	D	24	A		
5	B	15	D	25	B		
6	B	16	B	26	D		
7	D	17	C	27	B		
8	C	18	B	28	D		
9	C	19	C	29	C		
10	C	20	C	30	A		

ANSWER SCHEME/ JAWAPAN**BAB 6: PEMBIAKAN SEKSUAL DALAM TUBUHAN BERBUNGA****CHAPTER 6: SEXUAL REPRODUCTION IN FLOWERING PLANT**

1	D	11	D	21	A	31	B
2	B	12	D	22	B	32	D
3	A	13	C	23	A	33	A
4	D	14	C	24	D	34	D
5	A	15	C	25	A	35	A
6	C	16	A	26	A		
7	D	17	A	27	B		
8	A	18	C	28	C		
9	C	19	A	29	D		
10	C	20	D	30	B		

BAB 7: PENYESUAIAN TUMBUHAN PADA HABITAT
CHAPTER 7: ADAPTATIONS OF PLANTS IN DIFFERENT HABITATS

1.	C	11.	A	21.	C	31.	C
2.	B	12.	C	22.	D		
3.	A	13.	B	23.	A		
4.	A	14.	A	24.	C		
5.	C	15.	C	25.	A/D		
6.	B	16.	C	26.	D		
7.	C	17.	C	27.	B		
8.	C	18.	A	28.	B		
9.	C	19.	B	29.	D		
10.	B	20.	D	30.	C		

BAB 8: BIODIVERSITI
CHAPTER 8: BIODIVERSITY

1.	C	11.	C	21.	B	31.	C	41.	C
2.	B	12.	C	22.	D	32.	C	42.	D
3.	A	13.	B	23.	B	33.	A	43.	B
4.	B	14.	D	24.	B	34.	C	44.	A
5.	B	15.	D	25.	A	35.	B		
6.	D	16.	D	26.	B	36.	D		
7.	A	17.	A	27.	A	37.	D		
8.	D	18.	A	28.	A	38.	C		
9.	A	19.	D	29.	B	39.	B		
10.	D	20.	B	30.	A	40.	B		

SKEMA JAWAPAN
ANSWER SCHEME

BAB 9 / CHAPTER 9
EKOSISTEM / ECOSYSTEM

1	C	18	C
2	C	19	C
3	C	20	A
4	A	21	D
5	A	22	C
6	D	23	B
7	D	24	B
8	C	25	A
9	B	26	D
10	C	27	D
11	C	28	B
12	B	29	A
13	B	30	B
14	A	31	B
15	B	32	D
16	C	33	A
17	D		

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ANSWER SCHEME

BAB 10 / CHAPTER 10
KELESTARIAN ALAM SEKITAR / ENVIRONMENTAL SUSTAINABILITY

1	A	14	D
2	C	15	A
3	D	16	C
4	A	17	B
5	D	18	D
6	C	19	A
7	A	20	C
8	B	21	B
9	C	22	A
10	A	23	C
11	A	24	A
12	C	25	C
13	B		

SKEMA JAWAPAN / ANSWER SCHEME

BAB 11 / CHAPTER 11
PEWARISAN / INHERITANCE

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|-------|-------|
| 1. B | 21. A |
| 2. A | 22. A |
| 3. D | 23. A |
| 4. B | 24. A |
| 5. B | 25. B |
| 6. C | 26. C |
| 7. C | 27. C |
| 8. C | 28. C |
| 9. C | 29. B |
| 10. C | 30. D |
| 11. C | 31. B |
| 12. C | 32. B |
| 13. D | 33. C |
| 14. C | 34. C |
| 15. B | 35. C |
| 16. C | 36. B |
| 17. A | 37. D |
| 18. B | 38. C |
| 19. C | 39. D |
| 20. B | |

SKEMA JAWAPAN / ANSWER SCHEME

BAB 12 / CHAPTER 12
VARIASI / VARIATION

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|-------|-------|
| 1. C | 21. C |
| 2. D | 22. A |
| 3. B | 23. A |
| 4. C | 24. A |
| 5. D | 25. A |
| 6. A | 26. D |
| 7. B | 27. B |
| 8. B | 28. B |
| 9. A | 29. B |
| 10. A | 30. B |
| 11. C | 31. A |
| 12. A | |
| 13. A | |
| 14. B | |
| 15. D | |
| 16. D | |
| 17. C | |
| 18. D | |
| 19. D | |
| 20. B | |

SKEMA JAWAPAN BAB 13 : TEKNOLOGI GENETIK**ANSWER SCHEME CHAPTER 13 : GENETIC TECHNOLOGY**

1.	D	11.	C	21.	B
2.	B	12.	C	22.	C
3.	D	13.	A	23.	D
4.	D	14.	D	24.	B
5.	A	15.	C	25.	D
6.	B	16.	D	26.	B
7.	A	17.	C	27.	B
8.	A	18.	C		
9.	A	19.	A		
10.	B	20.	C		