

### THEORY

1. The first part of the theory is the definition of the function  $f(x)$ .

2. The second part is the definition of the function  $g(x)$ .

3. The third part is the definition of the function  $h(x)$ .

4. The fourth part is the definition of the function  $k(x)$ .

5. The fifth part is the definition of the function  $l(x)$ .

6. The sixth part is the definition of the function  $m(x)$ .

7. The seventh part is the definition of the function  $n(x)$ .

8. The eighth part is the definition of the function  $o(x)$ .

9. The ninth part is the definition of the function  $p(x)$ .

10. The tenth part is the definition of the function  $q(x)$ .

11. The eleventh part is the definition of the function  $r(x)$ .

12. The twelfth part is the definition of the function  $s(x)$ .

13. The thirteenth part is the definition of the function  $t(x)$ .

14. The fourteenth part is the definition of the function  $u(x)$ .

15. The fifteenth part is the definition of the function  $v(x)$ .

16. The sixteenth part is the definition of the function  $w(x)$ .

17. The seventeenth part is the definition of the function  $x(x)$ .

18. The eighteenth part is the definition of the function  $y(x)$ .

19. The nineteenth part is the definition of the function  $z(x)$ .

20. The twentieth part is the definition of the function  $aa(x)$ .

21. The twenty-first part is the definition of the function  $ab(x)$ .

22. The twenty-second part is the definition of the function  $ac(x)$ .

23. The twenty-third part is the definition of the function  $ad(x)$ .

24. The twenty-fourth part is the definition of the function  $ae(x)$ .

25. The twenty-fifth part is the definition of the function  $af(x)$ .

26. The twenty-sixth part is the definition of the function  $ag(x)$ .

27. The twenty-seventh part is the definition of the function  $ah(x)$ .

### ANSWERS

1. The answer to the first question is  $1/2$ .

2. The answer to the second question is  $1/3$ .

3. The answer to the third question is  $1/4$ .

4. The answer to the fourth question is  $1/5$ .

5. The answer to the fifth question is  $1/6$ .

6. The answer to the sixth question is  $1/7$ .

7. The answer to the seventh question is  $1/8$ .

8. The answer to the eighth question is  $1/9$ .

9. The answer to the ninth question is  $1/10$ .

10. The answer to the tenth question is  $1/11$ .

11. The answer to the eleventh question is  $1/12$ .

12. The answer to the twelfth question is  $1/13$ .

13. The answer to the thirteenth question is  $1/14$ .

14. The answer to the fourteenth question is  $1/15$ .

15. The answer to the fifteenth question is  $1/16$ .

16. The answer to the sixteenth question is  $1/17$ .

17. The answer to the seventeenth question is  $1/18$ .

18. The answer to the eighteenth question is  $1/19$ .

19. The answer to the nineteenth question is  $1/20$ .

20. The answer to the twentieth question is  $1/21$ .

21. The answer to the twenty-first question is  $1/22$ .

22. The answer to the twenty-second question is  $1/23$ .

23. The answer to the twenty-third question is  $1/24$ .

24. The answer to the twenty-fourth question is  $1/25$ .

25. The answer to the twenty-fifth question is  $1/26$ .

26. The answer to the twenty-sixth question is  $1/27$ .

27. The answer to the twenty-seventh question is  $1/28$ .