- 1. What is the value of the integral  $\int_0^1 \int_0^1 x^2y^3z^4 \, dx \, dy \, dz$ ?
- A.  $\frac{1}{4}$
- B. \$\frac{1}{12}\$
- C.  $\frac{1}{24}$
- D. \$\frac{1}{48}\$
- 2. What is the value of the integral  $\int_0^1 \int_0^1 \int_0^1 x^2y^3z^4 \, dz\,dy.dx$
- A.  $\frac{1}{4}$
- B. \$\frac{1}{12}\$
- C.  $\frac{1}{24}$
- D. \$\frac{1}{48}\$
- 3. What is the value of the integral  $\int_0^1 \int_0^1 \int_0^1 x^2y^3z^4 \, dy\,dz\,dx$ ?
- A.  $\frac{1}{4}$
- B. \$\frac{1}{12}\$
- C.  $\frac{1}{24}$
- D. \$\frac{1}{48}\$
- 4. What is the value of the integral  $\int_0^1 \int_0^1 \int_0^1 x^2y^3z^4 \, dx\,dz\,dy$ ?
- A.  $\frac{1}{4}$
- B. \$\frac{1}{12}\$
- C.  $\frac{1}{24}$
- D.  $\frac{1}{48}$
- 5. What is the value of the integral  $\int_0^1 \int_0^1 \int_0^1 x^2y^3z^4 \, dx\,dy$ ?
- A.  $\frac{1}{4}$
- B.  $\frac{1}{12}$
- C.  $\frac{1}{24}$
- D.  $\frac{1}{48}$
- 6. What is the value of the integral  $\int_0^1 \int_0^1 \int_0^1 x^2y^3z^4 \, dy\,dx\,ds$ ?

A.  $\frac{1}{4}$ B.  $\frac{1}{12}$ C.  $\frac{1}{24}$ D.  $\frac{1}{48}$ 7. What is the value of the integral  $\int_0^1 \int_0^1 \int_0^1 x^2y^3z^4$  $\dx,dx,dy,dz$ ? A.  $\frac{1}{4}$ B.  $\frac{1}{12}$ C.  $\frac{1}{24}$ D.  $\frac{1}{48}$ 8. What is the value of the integral  $\int \int_0^1 \int_0^1 x^2y^3z^4$  $\dx$ , dz\, dy\, dx\$? A.  $\frac{1}{4}$ B.  $\frac{1}{12}$ C.  $\frac{1}{24}$ D. \$\frac{1}{48}\$ 9. What is the value of the integral  $\int_0^1 \int_0^1 \frac{0^1 x^2y^3z^4}$  $\dy,dz,dx$ ? A.  $\frac{1}{4}$ B.  $\frac{1}{12}$ C.  $\frac{1}{24}$ D.  $\frac{1}{48}$ 10. What is the value of the integral  $\int \int_0^1 \int_0^1 \frac{0^1 x^2y^3z^4}{10}$  $\dz\,dz\,dx\,dy$ ? A.  $\frac{1}{4}$ B.  $\frac{1}{12}$ C.  $\frac{1}{24}$ D.  $\frac{1}{48}$ 

11. What is the value of the integral  $\int \int_0^1 \int_0^1 x^2y^3z^4$ 

 $\dy,dx,dz$ ?

A.  $\frac{1}{4}$ 

B.  $\frac{1}{12}$ 

C.  $\frac{1}{24}$ D.  $\frac{1}{48}$ 12. What is the value of the integral  $\int \int_0^1 \int_0^1 x^2y^3z^4$  $\dx,dx,dz,dy$ ? A.  $\frac{1}{4}$ B. \$\frac{1}{12}\$ C.  $\frac{1}{24}$ D.  $\frac{1}{48}$ 13. What is the value of the integral  $\int \frac{0^1 \int 0^1 \int x^2y^3z^4}{}$  $\dx$ , dz\, dy\, dx\$? A.  $\frac{1}{4}$ B. \$\frac{1}{12}\$ C.  $\frac{1}{24}$ D.  $\frac{1}{48}$ 14. What is the value of the integral  $\int \int_0^1 \int_0^1 x^2y^3z^4$  $\dy,dx,dz$ ? A.  $\frac{1}{4}$ B.  $\frac{1}{12}$ C.  $\frac{1}{24}$ D.  $\frac{1}{48}$ 15. What is the value of the integral  $\int \int_0^1 \int_0^1 \frac{0^1 x^2y^3z^4}{15}$  $\dz,dz,dx,dy$ ? A.  $\frac{1}{4}$ B.  $\frac{1}{12}$ C.  $\frac{1}{24}$ 

16. What is the value of the integral  $\int 0^1 \int x^2y^3z^4$ 

A. \$\frac{1}{4}\$

 $\dx,dx,dy,dz$ ?

D.  $\frac{1}{48}$ 

- B. \$\frac{1}{12}\$
- C.  $\frac{1}{24}$
- D.  $\frac{1}{48}$

17. What is the value of the integral  $\int \int_0^1 \int_0^1 \frac{0^1 x^2y^3z^4}{17}$  $\dx$ ? A.  $\frac{1}{4}$ B. \$\frac{1}{12}\$ C.  $\frac{1}{24}$ D. \$\frac{1}{48}\$ 18. What is the value of the integral  $\int \int_0^1 \int_0^1 \frac{0^1 x^2y^3z^4}{}$  $\dy,dz,dx$ ? A.  $\frac{1}{4}$ B. \$\frac{1}{12}\$ C.  $\frac{1}{24}$ D. \$\frac{1}{48}\$ 19. What is the value of the integral  $\int \int_0^1 \int_0^1 \frac{0^1 x^2y^3z^4}{19}$  $\dx,dx,dy$ ? A.  $\frac{1}{4}$ B. \$\frac{1}{12}\$ C.  $\frac{1}{24}$ D.  $\frac{1}{48}$ 20. What is the value of the integral  $\int \int_0^1 \int_0^1 x^2y^3z^4$  $\dy,dx,dz$ ? A.  $\frac{1}{4}$ B. \$\frac{1}{12}\$ C.  $\frac{1}{24}$ D.  $\frac{1}{48}$ 21. What is the value of the integral  $\int \int_0^1 \int_0^1 x^2y^3z^4$  $\dx,dx\,dz\,dy$ ? A.  $\frac{1}{4}$ B.  $\frac{1}{12}$ C.  $\frac{1}{24}$ D. \$\frac{1}{48}\$

22. What is the value of the integral  $\int \int_0^1 \int_0^1 x^2y^3z^4$ 

 $\dx$ ?

A.  $\frac{1}{4}$ B.  $\frac{1}{12}$ C.  $\frac{1}{24}$ D.  $\frac{1}{48}$ 23. What is the value of the integral  $\int \int_0^1 \int_0^1 x^2y^3z^4$  $\dy,dx,dz$ ? A.  $\frac{1}{4}$ B.  $\frac{1}{12}$ C.  $\frac{1}{24}$ D.  $\frac{1}{48}$ 24. What is the value of the integral  $\int \int_0^1 \int_0^1 x^2y^3z^4$  $\dz,dz,dx,dy$ ? A.  $\frac{1}{4}$ B.  $\frac{1}{12}$ C.  $\frac{1}{24}$ D. \$\frac{1}{48}\$ 25. What is the value of the integral  $\int \int_0^1 \int_0^1 x^2y^3z^4$  $\dx,dx,dy,dz$ ? A.  $\frac{1}{4}$ B.  $\frac{1}{12}$ C.  $\frac{1}{24}$ D.  $\frac{1}{48}$ 26. What is the value of the integral  $\int \int_0^1 \int_0^1 x^2y^3z^4$  $\dz,dy,dx$ ? A.  $\frac{1}{4}$ B.  $\frac{1}{12}$ C.  $\frac{1}{24}$ 

27. What is the value of the integral  $\int \int_0^1 \int_0^1 x^2y^3z^4$ 

A.  $\frac{1}{4}$ 

 $\dy,dz,dx$ ?

D.  $\frac{1}{48}$ 

B.  $\frac{1}{12}$ 

- C. \$\frac{1}{24}\$
- D.  $\frac{1}{48}$
- 28. What is the value of the integral  $\int_0^1 \int_0^1 \int_0^1 x^2y^3z^4 \,dx\,dy$ ?
- A.  $\frac{1}{4}$
- B. \$\frac{1}{12}\$
- C.  $\frac{1}{24}$
- D. \$\frac{1}{48}\$
- 29. What is the value of the integral  $\int_0^1 \int_0^1 \frac{0^1 x^2y^3z^4}{dx,dx}$ ?
- A.  $\frac{1}{4}$
- B. \$\frac{1}{12}\$
- C.  $\frac{1}{24}$
- D.  $\frac{1}{48}$
- 30. What is the value of the integral  $\int_0^1 \int_0^1 \int_0^1 x^2y^3z^4 \, dx\,dy.$
- A.  $\frac{1}{4}$
- B.  $\frac{1}{12}$
- C.  $\frac{1}{24}$
- D. \$\frac{1}{48}\$
- 31. What is the value of the integral  $\int_0^1 \int_0^1 \frac{0^1 x^2y^3z^4}{dz,dy,dx}$ ?
- A.  $\frac{1}{4}$
- B.  $\frac{1}{12}$
- C.  $\frac{1}{24}$
- D.  $\frac{1}{48}$
- 32. What is the value of the integral  $\int_0^1 \int_0^1 \frac{0^1 x^2y^3z^4}{dx,dx}$ ?
- A.  $\frac{1}{4}$
- B. \$\frac{1}{12}\$
- C.  $\frac{1}{24}$
- D.  $\frac{1}{48}$

- 33. What is the value of the integral  $\int \int_0^1 \int_0^1 x^2y^3z^4$  $\dz,dz,dx,dy$ ? A.  $\frac{1}{4}$ B. \$\frac{1}{12}\$ C.  $\frac{1}{24}$ D. \$\frac{1}{48}\$ 34. What is the value of the integral  $\int \int_0^1 \int_0^1 x^2y^3z^4$  $\dx,dx,dy,dz$ ? A.  $\frac{1}{4}$ B. \$\frac{1}{12}\$ C.  $\frac{1}{24}$ D. \$\frac{1}{48}\$ 35. What is the value of the integral  $\int \int_0^1 \int_0^1 x^2y^3z^4$  $\dx$ ? A.  $\frac{1}{4}$ B. \$\frac{1}{12}\$ C.  $\frac{1}{24}$ D.  $\frac{1}{48}$ 36. What is the value of the integral  $\int \int_0^1 \int_0^1 x^2y^3z^4$  $\dy,dz,dx$ ? A.  $\frac{1}{4}$ B. \$\frac{1}{12}\$ C.  $\frac{1}{24}$ D.  $\frac{1}{48}$ 37. What is the value of the integral  $\int \int_0^1 \int_0^1 x^2y^3z^4$  $\dx,dx\,dy$ ? A.  $\frac{1}{4}$ B.  $\frac{1}{12}$ C.  $\frac{1}{24}$
- 38. What is the value of the integral  $\int_0^1 \int_0^1 \int_0^1 x^2y^3z^4 \,dy\,dx\,dz$ ?

D. \$\frac{1}{48}\$

- A.  $\frac{1}{4}$
- B.  $\frac{1}{12}$
- C.  $\frac{1}{24}$
- D. \$\frac{1}{48}\$
- 39. What is the value of the integral  $\int_0^1 \int_0^1 \int_0^1 x^2y^3z^4 \, dx\,dy.$
- A.  $\frac{1}{4}$
- B.  $\frac{1}{12}$