

2021 WASSCE MATHEMATICS PAPER 1 OBJECTIVE SOLUTION

1 C. 0.00799

2 A.  $1001_2$

3 C. 12

4 A.  $3m + n$

5 D. 26

6 A. 0

7 B.  $3(p + r)(2q - s)$

8 B  $1\frac{1}{2}$

9 C. 5 years

10 D. -1

11 A. 5km

12 C  $\frac{\sqrt{21}}{3}$

13. B.2

14 D.  $110^\circ$

15 A.  $60^\circ$

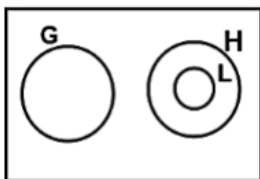
16 C.  $U = \frac{2x+3}{2-x}$

17 A. #60,000.00

18 B. 60cm

19. B.  $48\text{cm}^2$

20 . C



21 D.  $x^2 - 3qx - 10q^2 = 0$

22 C.  $-\frac{4}{5}$

23 A.  $(5 - x)$

24 A. 26cm

25 A.  $110^\circ$

26 C.  $r = h \sqrt{\frac{3}{\pi}}$

27 A.  $66^\circ$

28 C.  $045^\circ$

29 D.  $36^\circ$

30 B.  $30\text{cm}^2$

31 A. 3.71

32 D. 6km/h

33 A.  $215^\circ$

34 C.  $58^\circ$

35 B. 7.9

36 A.  $50^\circ$

37 A.  $341.98\text{cm}^2$

38 B.  $2\frac{7}{20}$

39 C.  $68^\circ$

40 A. 163.0

41 B. (0,8)

42. A. 325

43 D.  $18 < d \leq 23$

44 D. 90

45A.  $\frac{9}{20}$

46 D.  $\frac{1}{6}$

47 B. 63

48 B.  $\frac{3}{5}$

49 B. -1