Q1. Choose the set of numbers that is similar to the following set.
(8, 28, 6)
(a) (12, 48, 14)
(b) (17, 70, 13)
(c) (5, 26, 9)
(d) (3, 20, 7)

Q2. Select the set in which the numbers are related in the same way as are the numbers of the following set.
(8, 15, 9)
(a) (5, 17, 11)
(b) (4, 16, 12)
(c) (7, 13, 14)
(d) (9, 12, 15)

Q3. Select the set in which the numbers are related in the same way as are the numbers of the following set.
(3, 16, 5)
(a) (9, 35, 11)
(b) (7, 32, 9)
(c) (11, 45, 14)
(d) (5, 26, 9)

Q4. Select the set in which the numbers are related in the same way as are the numbers of the following set.
(11, 16, 20)
(a) (9, 14, 19)
(b) (15, 20, 24)
(c) (17, 23, 26)
(d) (21, 26, 32)

Q5. Select the set in which the numbers are related in the same way as are the numbers of the following set.
(17, 12, 7)
(a) (42, 34, 27)
(b) (23, 32, 39)
(c) (15, 19, 23)
(d) (39, 28, 19)

Q6. Select the set in which the numbers are related in the same way as are the numbers of the following set.

(5, 24, 7)
(a) (8, 80, 12)
(b) (10, 71, 13)
(c) (9, 63, 14)
(d) (6, 75, 11)

Q7. Select the letter-cluster that is related to the third letter-cluster in the same way that the second letter-cluster is related to the first letter-cluster.
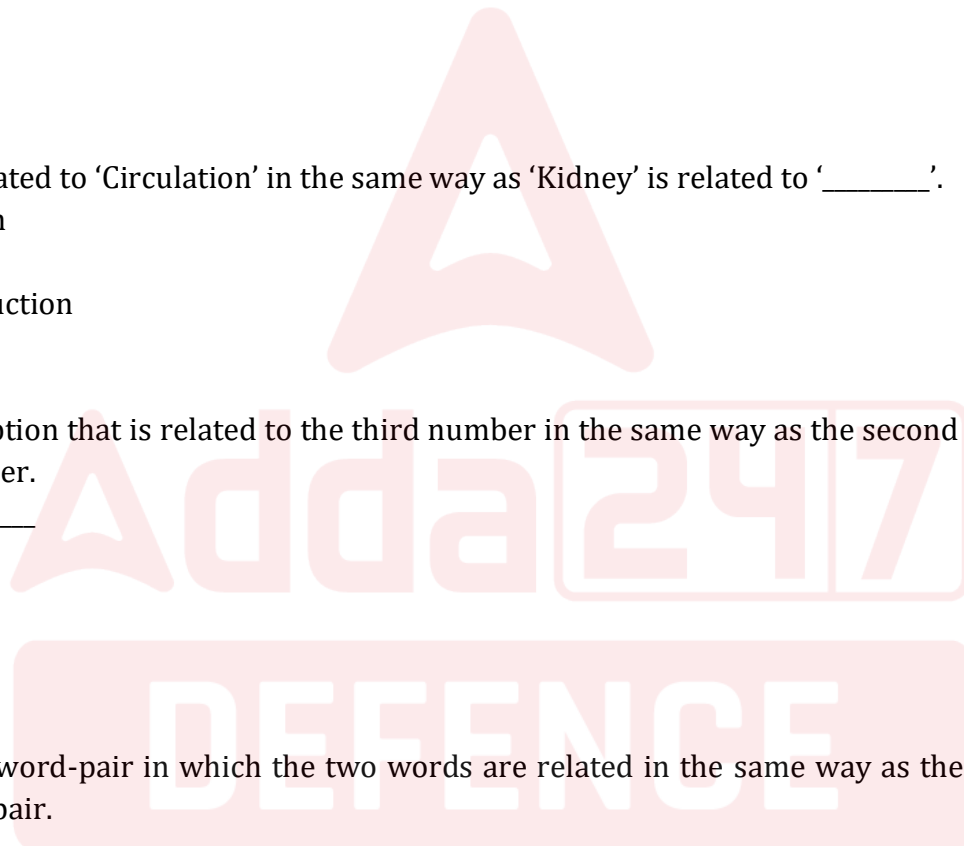
AFKP : BGLQ :: GLQV : ?
(a) HMRW
(b) HNRW
(c) HKRW
(d) HMPW

Q8. 'Heart' is related to 'Circulation' in the same way as 'Kidney' is related to '_____'.
(a) Reproduction
(b) Respiration
(c) Energy Production
(d) Excretion

Q9. Select the option that is related to the third number in the same way as the second number is related to the first number.

19 : 400 :: 24: _____
(a) 652
(b) 566
(c) 676
(d) 625

Q10. Select the word-pair in which the two words are related in the same way as the two words in the following word-pair.

School : Student :: _____ : _____
(a) Hospital : Patient
(b) Hotel : Chef
(c) Court : Judge
(d) College : Teacher

Solutions

S1. Ans.(d)
Sol. $(8 + 6) \times 2 = 28$
Similarly, $(3 + 7) \times 2 = 20$

S2. Ans.(b)
Sol. $8 + 15 + 9 = 32$, similarly, $4 + 16 + 12 = 32$

S3. Ans.(b)
Sol. $(3 + 5) \times 2 = 16$
Similarly,
$(7 + 9) \times 2 = 32$

S4. Ans.(b)
Sol.

$$(11, \underset{+5}{\underbrace{}} 16, \underset{+4}{\underbrace{}} 20)$$

Same as $(15, \underset{+5}{\underbrace{}} 20, \underset{+4}{\underbrace{}} 24)$

S5. Ans.(c)
Sol. $(17+7)=24=12\times2$
Similarly
$(15+23)=38=19\times2$

S6. Ans.(a)
Sol. $7^2-5^2=24$
Similarly
$12^2-8^2=80$

S7. Ans.(a)
Sol. $(+1)$ pattern follow.

S8. Ans.(d)
Sol. Heart circulate the blood
similarly
Kidney excrete the urine

S9. Ans.(d)
Sol. 19: 19+1= 20^2 = 400
24: 24+1=25^2 = 625

S10. Ans.(a)
Sol. Student gets education in school
Same as,
Patient gets treatment in hospital
Chef, judge and teacher give service in their respective.