Directions: In each of the following questions, select the one which is different from other three alternatives.

(1) 62 – 37
(2) 74 – 40
(3) 85 – 60
(4) 103 – 78

(1) 84, 67

(2) 112, 95

(3) 79, 63

(4) 167, 150

(1) 8

(2) 42

(3) 49

(4) 35

(1) 81 : 243

(2) 16 : 64

(3) 64 : 192

(4) 25 : 75

(1) 24

(2) 60

(3) 124

(4) 210

(1) 24

(2) 60

(3) 124

(4) 210

(1) (52, 142)

(2) (54, 126)

(3) (56, 168)

(4) (58, 184)

Directions: In each of the following questions, select the one which is different from other three alternatives.

(1) ABZY

(2) BCYX

(3) CDVW

(4) DEVU

(1) AYBZ

(2) BXCY

(3) DVEW

(4) MPON

(1) AEFJ

(2) KOPT

(3) UYZD

(4) EHIL

(1) DINS

(2) CHNR

(3) BGLQ

(4) AFKP

(1) ACE

(2) FHJ

(3) KLM

(4) SUW

(1) DEB

(2) RTP

(3) HIF

(4) NOL

Q. A man walks 7 km towards north before taking left turn and walks further 5 km. Then the takes left turn and walks 15 km. Finally he takes left turn again and walks 5 km. How much distance is he away from the starting point?

(1) 8 km
(2) 12 km
(3) 15 km
(4) 22 km

Q. Vijay starts from his office and walks 4 km towards north. Then he turns right and walks 2 km, then turns right and walks 6 km, then again turns right and walks 2 km and then turns right and walks 2 km. How far is he now from the starting point?

(1) 0 km

(2) 6 km

(3) 12 km

(4) 16 km

Q. Suhas travelled 15 km. towards East, then turned towards north and travelled 15 km and turned towards west and travelled 15 km. How far is he from the starting point?

(1) 15 km
(2) 30 km
(3) 45 km
(4) 0 km

Q. A travelled westward 8 km, turned left and travelled 3 km, turned right and travelled 9 km. He then travelled north 3 km. How far is he from the starting point?

  (1) 15 km
  (2) 17 km
  (3) 19 km
  (4) 11 km

Q. Mohan travelled from point 'A' straight to 'B' at a distance of 8 m. He turned right and walked 4m, again turned to his right and walked 8 m. Finally he turned to his right and walked 3 m. How far he was from his starting point?

(1) 8 m
(2) 3 m
(3) 1 m
(4) 4 m

Q. A, B, C, D and E are standing in a line facing north. E is standing 40 metres left to B. A is standing 20 metres left to C. D is standing 20 metres right to E and 50 metres right to C. What is the distance between A and D?

(1) 50 metres
(2) 60 metres
(3) 70 metres
(4) 80 metres

Find the exact time between 7 am and 8 am when the two hands of a watch meet ?

- ○ 7 hrs 35 min
- ○ 7 hrs 36.99 min
- ○ 7 hrs 38.18 min
- ○ 7 hrs 42.6 min

At what time between 9'o clock and 10'o clock will the hands of a clock point in the opposite directions?

- ○ 16 $\frac{4}{11}$ minutes past 9
- ○ 16 $\frac{4}{11}$ minutes past 8
- ○ 55 $\frac{5}{61}$ minutes past 7
- ○ 55 $\frac{5}{61}$ minutes to 8

At what time between 3 and 4 o'clock, the hands of a clock coincide?

- ○ 16 $\frac{4}{11}$ minutes past 3

- ○ 15 $\frac{5}{61}$ minutes past 3

- ○ 15 $\frac{5}{60}$ minutes to 3

- ○ 16 $\frac{4}{11}$ minutes to 4

Q. At what time 8 and 9 will the hands of a clock be together?

A. 40 minutes past 8

B. 43 1/2 minutes past 8

C. 43 8/7 minutes past 8

D. 44 10/11 minutes past 8

Q. At what time between 4 to 5 o'clock are the hands of a clock together?

A. 20 minutes past 4

B. 21 9/11 min. past 4

C. 21 4/11 min past 4

Q. At what time between 5 and 6 are the hands of a clock coinciding each other?

A. 22 minutes past 5

B. 30 minutes past 5

C. 22 8/11 minutes past 5

D. 27 3/11 minutes past 5

How many times in a day, the hands of a clock are straight?

A. 22

B. 24

C. 44

D. 48

Q. At what angle are the two hands of a clock inclined at 17 minutes past 9?

A.$167\frac{10}{2}$

B.$172\frac{10}{2}$

C.$166\frac{10}{2}$

D.$176\frac{10}{2}$

Q. At what angle are two hands of a clock in-clined at 48 minutes past 12?

A. 264^0

B. 263^0

C. 265^0

D. 266^0

Q. At what angle are the two hands of a clock inclined at 4 minutes to 12?

A. 22^0

B. 20^0

C. 21^0

D. 23^0

Q. At what angle are the two hands of a clock inlined at 20 minutes past 5?

  A. 30^0

  B. 45^0

  C. 50^0

  D. 40^0

Q. At what angle are the two hands of a clock inclined at 10 minutes past 11?

A. 90^0

B. 85^0

C. 95^0

D. None of these

Q. How many times in 36 hours both hands of clock overlap to each other?

A. 36 times

B. 33 times

C. 66 times

D. 22 times

Q. At which one of the following times between 3 and 4 o'clock when the angle between the hands of a watch is one-third of a right angle.

(a) $10\dfrac{10}{11}$ min past 3 / 3 बजकर $10\dfrac{10}{11}$ मिनट

(b) $10\dfrac{9}{11}$ min past 3 / 3 बजकर $10\dfrac{9}{11}$ मिनट

(c) $11\dfrac{9}{11}$ min past 3 / 3 बजकर $11\dfrac{9}{11}$ मिनट

(d) $21\dfrac{8}{11}$ min past 3 / 3 बजकर $21\dfrac{8}{11}$ मिनट

Q. At which of the following times between 4 and 5 are the hands of a clock 3 minutes a part?

A. 18 $\frac{6}{11}$ min past 4

B. 26 $\frac{5}{11}$ min past 4

C. 25 $\frac{5}{11}$ min past 4

D. 25 $\frac{3}{11}$ min past 4