

1) John is undecided which of the four novels to buy. He is considering a spy thriller, a Murder mystery, a Gothic romance and a science fiction novel. The books are written by Rothko, Gorky, Burchfield and Hopper, not necessary in that order, and published by Heron, Pigeon, Blueja and sparrow, not necessary in that order.

(1) The book by Rothko is published by Sparrow.

(2) The Spy thriller is published by Heron.

(3) The science fiction novel is by Burchfield and is not published by Blueja.

(4) The Gothic romance is by Hopper

2) Pigeon publishes _____

3) The novel by Gorky _____

4) John purchases books by the authors whose names come first and third in alphabetical order. He does not buy the books _____

5) On the basis of the first paragraph and statement (2), (3) and (4) only, it is possible to deduce that

1. Rothko wrote the murder mystery or the spy thriller
2. Sparrow published the murder mystery or the spy thriller
3. The book by Burchfield is published by Sparrow

6) If a light flashes every 6 seconds, how many times will it flash in $\frac{3}{4}$ of an hour?

A. 12 B. 20 C. 24 D. 30 (Ans. C)

7) If point P is on line segment AB, then which of the following is always true?

(1) $AP = PB$ (2) $AP > PB$ (3) $PB > AP$ (4) $AB > AP$ (5) $AB > AP + PB$

8) All men are vertebrates. Some mammals are vertebrates. Which of the following conclusions drawn from the above statement is correct All men are mammals All mammals are men Some vertebrates are mammals. None

9) Which of the following statements drawn from the given statements are correct? Given: All watches sold in that shop are of high standard. Some of the HMT watches are sold in that shop.

- a) All watches of high standard were manufactured by HMT.
- b) Some of the HMT watches are of high standard.
- c) None of the HMT watches is of high standard.
- d) Some of the HMT watches of high standard are sold in that shop.

- 10.
1. Ashland is north of East Liverpool and west of Coshocton.
 2. Bowling green is north of Ashland and west of Fredericktown.
 3. Dover is south and east of Ashland

4. East Liverpool is north of Fredericktown and east of Dover.
5. Fredericktown is north of Dover and west of Ashland.
6. Coshocton is south of Fredericktown and west of Dover

11. Which of the towns mentioned is furthest of the north – west

- (a) Ashland (b) Bowling green (c) Coshocton (d) East Liverpool (e) Fredericktown

12. Which of the following must be both north and east of Fredericktown

- (a) Ashland (b) Coshocton (c) East Liverpool
 I a only II b only III c only IV a & b V a & c

13. Which of the following towns must be situated both south and west of at least one other town?

- A. Ashland only
- B. Ashland and Fredericktown
- C. Dover and Fredericktown
- D. Dover, Coshocton and Fredericktown
- E. Coshocton, Dover and East Liverpool

14. Which of the following statements, if true, would make the information in the numbered statements more specific?

- (a) Coshocton is north of Dover.
- (b) East Liverpool is north of Dover (c) Ashland is east of Bowling green. (d) Coshocton is east of Fredericktown
- (e) Bowling green is north of Fredericktown

15. Which of the numbered statements gives information that can be deduced from one or more of the other statements

- (A) 1 (B) 2 (C) 3 (D) 4 (E) 6

16. Eight friends Harsha, Fakis, Balaji, Eswar, Dhinesh, Chandra, Geetha, and Ahmed are sitting in a circle facing the center. Balaji is sitting between Geetha and Dhinesh. Harsha is third to the left of Balaji and second to the right of Ahmed. Chandra is sitting between Ahmed and Geetha and Balaji and Eshwar are not sitting opposite to each other. Who is third to the left of Dhinesh?

17. If every alternative letter starting from B of the English alphabet is written in small letter, rest all are written in capital letters, how the month "September" be written?

- (1) SeptEMbEr (2) SEpTeMBEr (3) September
- (4) SepteMber (5) None of the above.