

MAT 2008 (07/12/08)**INTELLIGENCE AND CRITICAL REASONING**

1. C - 2, E - 3, G - 4, I - 5, ?

Ans. K - 6

2. FDS, JHW, NLA, ?

Ans. RPE

3. 9, 15, 23, 33, ?

Ans. 45

4. X U S P N K?

Ans. I

5. 4, 10, 22, 46, ?

Ans. 94

6. Navin walked 20 metres towards East, took a left turn and walked 10 metres and again took a left turn and walked 20 metres. How far is he from his starting position?

Ans. 10 metres

7. Bhavika and Sunaina start simultaneously towards each other from two places 100 m apart. After walking 30 m Bhavika turns left and goes 10 m, then she turns right and goes 20 m and then turns right again and comes back to the road on which she had started walking. If both Bhavika and Sunaina walk with the same speed, what is the distance between them at this point of time?

Ans. 20 m

8. If each of the odd digits in the number 54638 is decreased by '1' and each of the even digits is increased by '1', which of the following will be the sum of the digits of the new number?

Ans. 29

9. In a certain code, TERMINAL is written as SDQLJOBM. How is CREDIBLE written in that code?

Ans. BQDCJCMF

10. In a certain code, PEAK is written as '3512' and DINE is written as '6895'. How is KIND written in that code?

Ans. 2896

11. Mohan is thirteenth from the left end in a row of children. Prabir is twelfth from the right end and eighteenth from the left end. How many children are towards the right of Mohan in that row?

Ans. None of these

Five teachers in a school;

A and B – Hindi and English.

C and B – English and Geography.

D and A – Mathematics and Hindi.

E and B – History and French.

12. D, B and A were teaching

Ans. Hindi only

13. Which pair teaches Geography and Hindi?

Ans. None of these

14. Who teaches maximum number of subjects?

Ans. B

15. More than two teachers were teaching

Ans. Hindi

Statement/conclusions type questions

16. **Statements:** India's economy depends mainly on forests.

Conclusions:

I. Tree should be preserved to improve Indian Economy.

II. India wants only maintenance of forests to improve economic conditions.

Ans. only conclusion I follows

17. **Statement :** Industrial cities are highly polluted. Pollution means more diseases.

Conclusions : I. People who live in industrial become immune to diseases.

II. People living in cities which are not industrial are healthier than those who live in industrial cities.

Ans. neither conclusion I nor II follows

18. **Statements :** The best way to escape from a problem is to solve it.
Conclusions:
 I. Your life will be dull if you don't face problem.
 II. To escape from problem, you should always have some solutions with you
Ans. only conclusion II follows

19. **Statements :** My brother sings very well. My sister is a basketball player. I am very intelligent.
Conclusions:
 I. We all are very talented.
 II. We all are sportsmen.
Ans. neither conclusion I nor II follows

Statement/assumption type questions

20. **Statement :** "If you are beautiful, we will catch your beauty if you are not, we will make you beautiful." An advertisement of a photo studio.
Assumption :
 I. How to look beautiful, is a problem of youngsters?
 II. Nobody desires to be beautiful.
Ans. neither I nor II is implicit

21. **Statements :** A good book, even if costly is sold.
Assumption:
 I. Some books are better than others
 II. Most of the books are costly
Ans. only assumption is implicit

22. **Statements :** Equality of income throughout a community is the essential condition for maximising the total utility which the total income available could confer on the members of that community.
Assumption:
 I. If extra income were taken from the rich and given to the poor, the total utility experienced by the community would increase.
 II. Equal pay for equal work.
Ans. only assumption is implicit

23. **Statements :** The integrated steel plants in India would no longer have to depend on imports for continuous casting refractories
Assumption:
 I. Continuous casting refractories are needed by India
 II. Continuous casting refractories are in demand
Ans. both I and II are implicit