L O G I C A L R E A S O N I N G

MODEL QUESTION PAPER – I

TOTAL QUESTIONS- 30

FULL MARKS- 30

1. Look at this series: 2, 1, (1/2), (1/4) ... What number should come next?

☐ A) (1/3)   ☐ B) (1/8)

☐ C) (2/8)   ☐ D) (1/16)

2. Look at this series: 14, 28, 20, 40, 32, 64,... What number should come next?

☐ A) 52   ☐ B) 56
☐ C) 96   ☐ D) 128

3. B_2CD, _____, BCD_4, B_5CD, BC_6D

☐ A. B_2C_2D ☐ B. BC_3D

☐ C. B_2C_3D ☐ D. BCD_7

4. If each alphabet is assigned a sequential numerical value in terms of even numbers on the basis of their position in the English alphabet, viz. $A = 2$, $B = 4$, $C = 6$ and so on, what will be the value of the word LOCATION ?

☐ A. 180   ☐ B. 182

☐ C. 186   ☐ D. 178

5. If TRANSFER is coded as RTNAFSRE, then ELEPHANT would be coded as

☐ A. LEPEHATN   ☐ B. LEPEAHTN

☐ C. LEEPAHTN   ☐ D. LEPEAHNT

6. Today is Monday. After 61 days, it will be :

☐ A) Tuesday   ☐ B) Monday
☐ C) Sunday   ☐ D) Saturday

7. A clock is set right at 8 a.m. The clock gains 10 minutes in 24 hours will be the true time when the clock indicates 1 p.m. on the following day?

◻ A) 48 min. past 12.   ◻ B) 46 min. past 12.

◻ C) 45 min. past 12.   ◻ D) 47 min. past 12.

8. Pointing to a Photograph, Arjun said, "She is the mother of my son's wife's daughter". How is Arjun related to the lady?

◻ A) Uncle   ◻ B) Cousin

◻ C) Daughter- in - law   ◻ D) None of these

9. Sumanth walks 200 feet straight from his house, which is facing north and then he walks 100 feet in reverse direction.Further he takes a left turn and walks 300 yards.In Which direction is Sumanth now from his original position?

◻ A) South-East   ◻ B) North-East

◻ C) South-West   ◻ D) North-West

10. CGE, RNP, FJH, OKM, IMK, __

◻ A) JHL   ◻ B) HJL

◻ C) LHJ   ◻ D) JKL

11. Find out the wrong term in the series 83,92,85,90,85,88

◻ A) 85   ◻ B) 88

◻ C) 90   ◻ D) 92

12. bc _ b _ c _ b _ ccb

◻ A) c b c b   ◻ B) b b c b

◻ C) c b b c   ◻ D) b c b c

13. There are five books of different thickness. A is thicker than C and B is thicker than D. E is not as thick as B, but is thicker than C. D is not as thick as C. Which is the thinnest book?

  ☐   A) E   ☐   B) D

  ☐   C) B   ☐   D) C

14. Choose the pair in which the words are differently related?

  ☐   A) Jewellery : Gold   ☐   B) Table : Wood

  ☐   C) Shirt : Fabric   ☐   D) Iron : Axe

15. In the following question a letter-series is given, in which some letters are missing. The missing letters are given in the proper sequence as one of the alternatives. Choose the correct alternatives. ab __ d __ aaba __ na _ badna _ b

  ☐   A) andaa   ☐   B) babda

  ☐   C) dbanb   ☐   D) badna

16. What was the day of the week on 17th June, 1998?

  ☐   A) Wednesday   ☐   B) Saturday

  ☐   C) Friday   ☐   D) Tuesday

17. The year next to 2003 will have the same calendar as that of the year 2003?

  ☐   A) 2024   ☐   B) 2014

  ☐   C) 2009   ☐   D) 2020

18. What will be the next term in

BKS, DJT, FIU, HHV, __

  ☐   A) IJX   ☐   B) IGX

  ☐   C) JGW   ☐   D) JGU

19. All flowers are toys.Some toys are trees.Some angels are trees

Conclusions:

1.Some angels are toys

2.Some trees are flowers

3.Some flowers are angels

☐ A) None follows ☐ B) Only 1 follows

☐ C) Only 2 follows ☐ D) Only 1 and 3 follow

20. What was the day of the week on 28th May, 2006?

☐ A) Thrusday ☐ B) Friday

☐ C) Saturday ☐ D) Sunday

21. Choose the pair in which the words are differently related?

☐ A) Man : Garage ☐ B) Cow : Shed

☐ C) Pig : Sty ☐ D) Horse : Stable

22. A large number of people in ward X of the city are diagnosed to be suffering from a fatal malaria type.

Courses of Action:

I. The city municipal authority should take immediate steps to carry out extensive fumigation in ward X.

II. The people in the area should be advised to take steps to avoid mosquito bites.

☐ A) Only I follows ☐ B) Only II follows

☐ C) Neither I nor II follows ☐ D) Both I and II follow

23. Shobha is the niece of Ashish. Ashish's mother is Priya. Kamla is Priya's mother. Kamla's husband is Hari. Krishna is the mother-in-law of Hari. How is Shobha related to Hari ?

☐ A) Daughter   ☐ B) Great Grand daughter

☐ C) Grandniece   ☐ D) Great Grandson's daughter

24. In the following question, various terms of an alphanumerical series are given with one or more terms missing as shown by (?).Choose the missing terms out of the given alternatives.
2Z5, 7Y7, 14X9, 23W11, 34V13, ?

☐ A) 47U15   ☐ B) 47V14

☐ C) 45U15   ☐ D) 27U24

25. I. Tanya is older than Eric.

    II. Cliff is older than Tanya.

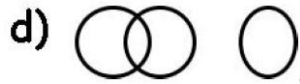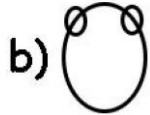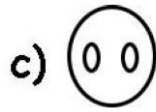   III.Eric is older than Cliff.

If the first two statements are true, the third statement is

☐ A) true   ☐ B) false

☐ C) uncertain   ☐ D) none

26. One morning after sunrise, Suresh was standing facing a pole. The shadow of the pole fell exactly to his right. To which direction was he facing?

☐ A) East   ☐ B) West

☐ C) South   ☐ D) Data is inadequate

27. Which of the following Venn- diagram correctly illustrates the relation ship among the classes : *Carrot, Food, Vegetables*

☐ A) a   ☐ B) b

☐ C) c   ☐ D) d

28. All windows are doors. No door is wall

Conclusions:

    1. No window is wall

    2. No Wall is door

☐ A) Only 1 follows   ☐ B) Only 2 follows

☐ C) Either 1 or 2 follows   ☐ D) Both 1 and 2 follow

29. In a certain code language,

(A) 'pit na som' means 'bring me water'

(B) 'na jo tod' means 'water is life'

(C) 'tub od pit' means 'give me toy'

(D) 'jo lin kot' means 'life and death'

Which of the following represents 'is' in that language ?

☐ A) jo

☐ B) na

☐ C) tod

☐ D) lin

30. A clock is started at noon. By 10 minutes past 5, the hour hand has turned through:

☐ A) 145

☐ B) 150

☐ C) 155

☐ D) 160