



# FAST ENTRY TEST PAST PAPERS PLSPT

## FAST PAST PAPER 3

### MATHEMATICS

- The integral of  $\frac{1}{9x^2+4}$  w.r.t 'x' is  $f(x) + c$  is
  - $\frac{1}{6} \tan^{-1} \frac{3x}{2}$
  - $\frac{1}{9} \tan^{-1} \frac{3x}{2}$
  - $\frac{1}{3} \tan^{-1} \frac{3x}{2}$
  - $\frac{1}{3} \tan^{-1} \frac{3x+2}{3x-2}$
- If  $A = \{4, 5, 6, 7, 8, 9, 10\}$ ,  $B = \{1, 2, 3, 4, 5, 6\}$  the  $A - B = ?$ 
  - $\{7, 8, 9, 10\}$
  - $\{7, 8, 9, 10\}$
  - $\{1, 2, 3, 5\}$
  - $\{1, 2, 3\}$
- Division is a binary operation on
  - Set of natural numbers
  - Set of positive integers
  - Set of negative integers
  - None of these
- The slope of line passing through the points (4, 5) and (3, 7) is
  - 1
  - 2
  - $\frac{1}{2}$
  - $-\frac{1}{2}$
- $\int a^x dx$ 
  - $\frac{a^x}{\ln x} + C$
  - $\frac{a^x}{\ln a} + C$
  - $\frac{a^{-x}}{\ln x} + C$
  - $\frac{x}{\ln a} + C$
- The product of (2, -1) and (0, 1) is
  - (1, 2)
  - (-1, 2)
  - (-1, -2)
  - (1, 1)
- Geometric mean between 50 and 18 is
  - 28
  - 30
  - 32
  - 36
- The integral of  $\frac{1}{x^3}$  w.r.t x is
  - $3x^{\frac{1}{3}} + C$
  - $3x^{\frac{1}{2}} + C$
  - $\frac{2}{3} x^{-\frac{2}{3}} + C$
  - $\frac{2}{3} x^{-\frac{3}{2}} + C$
- The sum of the roots of the equation  $x^2 + x + m = 0$  is equal to the product of its roots, then 'm'
  - 1
  - 2



## FAST ENTRY TEST PAST PAPERS PLSPOT

## FAST PAST PAPER 3

- c) 3 d) -2
10. A fair coin is tossed twice. What is the probability of both heads?
- a)  $\frac{3}{8}$  c)  $\frac{3}{4}$   
b)  $\frac{1}{4}$  d)  $\frac{1}{2}$
11. The  $n^{\text{th}}$  term of the following sequence 2, 5, 10, 17 is
- a)  $2n-3$  c)  $n^2 + 1$   
b)  $n + 1$  d)  $5n - 3$
12. If  $x + y = 8$  and  $xy = 15$  then  $x - y = ?$
- a) 4 c) 6  
b) 2 d) 9
13. The number of ways in which 5 differently colored flags can be arranged in a row are.
- a) 50 c) 180  
b) 120 d) 100
14. The limit of  $\frac{\sin x}{x}$  as " $x$ " tends to zero is
- a) 0 c) 2  
b) 1 d)  $\infty$
15. If  $y = a^x$ , then  $y' = ?$
- a)  $a^x$  c)  $a^x \ln x$   
b)  $a^x \ln a$  d) None of these
16. The area of triangle formed from (11, -12), (6, 2) and (-5, 10) is
- a) 57 c) 50  
b) 56 d) 51
17. If two lines are parallel then their slopes are
- a) 0 c) equal  
b) 1 d) unequal
18. The angle formed by  $x^2 - 6xy + 9y^2 = 0$
- a)  $60^\circ$  c)  $45^\circ$   
b)  $90^\circ$  d)  $0^\circ$
19.  $\int \frac{dx}{a^2 + x^2} = ?$
- a)  $\frac{1}{a} \sin^{-1} \frac{x}{a} + C$  c)  $\frac{1}{a} \sec^{-1} \frac{x}{a} + C$   
b)  $\frac{1}{a} \tan^{-1} \frac{x}{a} + C$  d)  $\frac{1}{a} \cos^{-1} \frac{x}{a} + C$



# FAST ENTRY TEST PAST PAPERS PLSPOT

## FAST PAST PAPER 3

FAST PAST PAPERS

20. Area under the curve  $x^2 + y^2 = 4$  between the ordinates  $x = \frac{1}{2}$  and  $x = \frac{3}{2}$

- a) 32  
b) 16  
c) 25  
d) none of them

21. The centre of  $4x^2 + 4y^2 - 12x + 4y - 15 = 0$  is

- a)  $(\frac{1}{2}, \frac{3}{5})$   
b)  $(\frac{1}{5}, \frac{3}{2})$   
c)  $(\frac{3}{2}, -\frac{1}{2})$   
d)  $(\frac{4}{5}, \frac{6}{5})$

22. The parametric equation of a circle with radius 'a' are

- a)  $X = a \cos \theta, Y = a \sin \theta$   
b)  $X = r \cos \theta, Y = r \sin \theta$   
c)  $X = r \cos \theta, Y = r \cos \theta$   
d)  $X = r \tan \theta, Y = r \sec \theta$

23. The radius of the circle  $4x^2 + 4y^2 - 12x + 4y - 15 = 0$  is

- a)  $\frac{5}{4}$   
b)  $\frac{5}{2}$   
c)  $\frac{5}{6}$   
d)  $\frac{5}{3}$

24. The length of the tangent from  $(-4, 6)$  to  $2x^2 + 2y^2 = 3$  is

- a) 18.3  
b) 5.2  
c) 7.1  
d)  $\frac{5}{3}$

25. Equation of the parabola whose vertex is  $(0, 0)$  and focus is  $(0, -3)$  is

- a)  $y = x^2$   
b)  $x^2 = -12y$   
c)  $y^2 = 12x$   
d)  $x^2 = 12y$

26.  $(x + 3i)^2 = 2yi$  then  $(x, y)$  is

- a)  $(-3, -9)$   
b)  $(3, 7)$   
c)  $(0, 0)$   
d) none of these

27. A unit matrix of order  $3 \times 3$  is

- a)  $\begin{bmatrix} 0 & 0 & 0 \\ 0 & 0 & 0 \\ 0 & 0 & 0 \end{bmatrix}$   
b)  $\begin{bmatrix} 0 & 0 & 1 \\ 0 & 0 & 0 \\ 1 & 0 & 1 \end{bmatrix}$   
c)  $\begin{bmatrix} 0 & 1 & 0 \\ 0 & 0 & 1 \\ 1 & 0 & 0 \end{bmatrix}$   
d)  $\begin{bmatrix} 1 & 0 & 0 \\ 0 & 1 & 0 \\ 0 & 0 & 1 \end{bmatrix}$

28. If  $\begin{vmatrix} y^2 & y & 1 \\ 8 & 4 & 10 \\ 9 & 3 & 6 \end{vmatrix} = 60$  then  $y = ?$

- a) 4  
b) 4, 5  
c) 3, 4  
d) 2, 7



## FAST ENTRY TEST PAST PAPERS PLSPOT

## FAST PAST PAPER 3

29. The equation  $2x^2 + 6x - 3 = 0$  has  $\alpha$  and  $\beta$  find the value of  $\frac{1}{\alpha} + \frac{1}{\beta}$
- a) -3  
b)  $\frac{3}{2}$   
c) 1  
d) 2
30.  $x + 10 = 14$  then  $x - 8 = ?$
- a) -4  
b) 4  
c) 1  
d) 2
31. The  $n^{\text{th}}$  term of the geometric mean sequence 8,  $16\sqrt{2}$ , 64..... is
- a)  $n\sqrt{2}$   
b)  $(n\sqrt{2})^2$   
c)  $(2\sqrt{2})^2$   
d)  $(2\sqrt{2})^{n+1}$
32. A machine is depredated at rate of 10% on reducing balance the original cost was Rs 10,000 after how many years it will be valued at Rs 8100
- a) 2  
b) 3  
c) 4  
d) none
33. The given progression  $4, 3, \frac{9}{4}, \dots$  is
- a) H.P  
b) G.P  
c) A.P  
d) None of these
34. In how many different ways may the seven the letters in the word KARACHI be arranged if all of the letters are used each time?
- a) 2500  
b) 2520  
c) 2400  
d) 2420
35. How many words can be formed out of the letters of the word "JEDDAH"
- a) 360  
b) 420  
c) 240  
d) None of these
36. Which of the expansion of  $\left(\frac{1}{x} + x^2\right)^9$  contains no power of  $x$
- a) No term  
b) Fourth  
c) Fifth  
d) sixth
37.  $\pi$  radians are always equal to
- a)  $360^\circ$   
b)  $180^\circ$   
c)  $270^\circ$   
d) None of these
38.  $\sin 60^\circ \sin 30^\circ - \cos 60^\circ \sin 60^\circ$
- a) zero  
b)  $\frac{1}{3}$



# FAST ENTRY TEST PAST PAPERS PLSPOT

## FAST PAST PAPER 3

c)  $\frac{\sqrt{3}}{2}$

d)  $\frac{3}{2}$

 39. Composite function of  $g(x) = x^2 - 1$ ,  $f(x) = 2x - 1$  is

a)  $2x^2 - 1$

c)  $4x^2 - 4x$

b)  $4x^2 - 4x - 2$

d) None of these

40.  $\frac{d}{dx}\sqrt{x}=?$

a)  $\frac{1}{2\sqrt{x}}$

c)  $\frac{1}{\sqrt{x}}$

b)  $2/\sqrt{x}$

d)  $2\sqrt{x}$

 41. If  $A = \begin{bmatrix} 1 & -1 \\ 2 & -1 \end{bmatrix}$  and  $B = \begin{bmatrix} 1 & 1 \\ 4 & 2 \end{bmatrix}$  then  $A + B$  is

A.  $\begin{bmatrix} 1 & -1 \\ 2 & 0 \end{bmatrix}$

C.  $\begin{bmatrix} 2 & 0 \\ 6 & -1 \end{bmatrix}$

B.  $\begin{bmatrix} 1 & 0 \\ 2 & 0 \end{bmatrix}$

D.  $\begin{bmatrix} 2 & 0 \\ 6 & 1 \end{bmatrix}$

 42. If  $A = \begin{bmatrix} 1 & 0 & 0 \\ 2 & -3 & 4 \end{bmatrix}$  and  $B = \begin{bmatrix} -3 \\ 4 \end{bmatrix}$  then  $AB$  is equal to

A. not possible

D.  $\begin{bmatrix} -3 \\ 3 \end{bmatrix}$

B.  $\begin{bmatrix} -6 & 12 & 2 \end{bmatrix}$

C.  $\begin{bmatrix} -3 \\ 9 \end{bmatrix}$

 43. If  $A = \begin{bmatrix} x & y & z \\ -2 & 0 & -1 \\ 3 & 1 & 0 \end{bmatrix}$  is skew symmetric, then  $(x, y, z)$  is equal to

A.  $(0, 2, -3)$

C.  $(0, -2, 3)$

B.  $(0, -1, 3)$

D.  $(1, 2, 3)$

44.  $\begin{bmatrix} 1 & 0 & 0 \\ 0 & 1 & 0 \\ 0 & 0 & 1 \end{bmatrix}^4 =$

A.  $\begin{bmatrix} 1 & 0 & 0 \\ 0 & 1 & 0 \\ 0 & 0 & 1 \end{bmatrix}$

C.  $\begin{bmatrix} 4 & 0 & 0 \\ 0 & 4 & 0 \\ 0 & 0 & 4 \end{bmatrix}$

B.  $\begin{bmatrix} 2 & 0 & 0 \\ 0 & 2 & 0 \\ 0 & 0 & 2 \end{bmatrix}$

D.  $\begin{bmatrix} 0 & 0 & 1 \\ 0 & 1 & 0 \\ 1 & 0 & 0 \end{bmatrix}$

 45. If  $A = \begin{bmatrix} 12 & \frac{1}{3} \\ 3 & 5 \end{bmatrix}$ , then the value of  $|A^4|$  is equal to

A.  $(27)^4$

C.  $(59)^4$

B.  $(13)^4$

D.  $(60)^4 - 1$







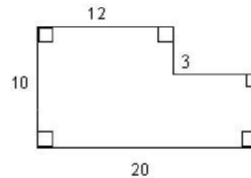
## FAST PAST PAPER 3

**BASIC MATH**

1.  $6.09 - 4.693 =$

- (A) 1.397  
(B) 1.403  
(C) 1.407

- (D) 1.497  
(E) 2.603



2. What is the area of the region enclosed by the figure above?

- (A) 116  
(B) 144  
(C) 176

- (D) 179  
(E) 284

3. If  $p = 0.2$  and  $n = 100$ , then  $\sqrt{\frac{p(1-p)}{n}} =$

- (A)  $-\sqrt{0.002}$   
(B)  $\sqrt{0.02} - 0.02$

- (C) 0  
(D) 0.04  
(E) 0.4

4. If each of 4 subsidiaries of Corporation  $R$  has been granted a line of credit of \$700,000 and each of the other 3 subsidiaries of Corporation  $R$  has been granted a line of credit of \$112,000, what is the average (arithmetic mean) line of credit granted to a subsidiary of Corporation  $R$ ?

- (A) \$1,568,000  
(B) \$448,000  
(C) \$406,000

- (D) \$313,600  
(E) \$116,000

5. If  $x$  is a number such that  $x^2 - 3x + 2 = 0$  and  $x^2 - x - 2 = 0$ , what is the value of  $x$ ?

- (A) -2  
(B) -1  
(C) 0

- (D) 1  
(E) 2

6. In traveling from a dormitory to a certain city, a student went  $\frac{1}{5}$  of the way by foot,  $\frac{2}{3}$  of the way by bus, and the remaining 8 kilometers by car. What is the distance, in kilometers, from the dormitory to the city?

- (A) 30  
(B) 45  
(C) 60

- (D) 90  
(E) 120

7. A certain elevator has a safe weight limit of 2,000 pounds. What is the greatest possible number of people who can safely ride on the elevator at one time with the average (arithmetic mean) weight of half the riders being 180 pounds and the average weight of the others being 215 pounds?

- (A) 7  
(B) 8  
(C) 9

- (D) 10  
(E) 11

8. After paying a 10 percent tax on all income over \$3,000, a person had a net income of \$12,000. What was the income before taxes?



## FAST ENTRY TEST PAST PAPERS PLSPOT

## FAST PAST PAPER 3

- (A) \$13,300 (D) \$10,000  
(B) \$13,000 (E) \$9,000  
(C) \$12,900
9.  $1 - [2 - (3 - [4 - 5] + 6) + 7] =$   
(A) -2 (D) 2  
(B) 0 (E) 16  
(C) 1
10. The price of a model *M* camera is \$209 and the price of a special lens is \$69. When the camera and lens are purchased together, the price is \$239. The amount saved by purchasing the camera and lens together is approximately what percent of the total price of the camera and lens when purchased separately?  
(A) 14% (D) 33%  
(B) 16% (E) 86%  
(C) 29%
11. If 0.497 mark has the value of one dollar, what is the value to the nearest dollar of 350 marks?  
(A) \$174 (B) \$176 (C) \$524  
(D) \$696 (E) \$704
12. A right cylindrical container with radius 2 meters and height 1 meter is filled to capacity with oil. How many empty right cylindrical cans, each with radius  $\frac{1}{2}$  meter and height 4 meters, can be filled to capacity with the oil in this container?  
(A) 1 (B) 2 (C) 4  
(D) 8 (E) 16
13. If a sequence of 8 consecutive odd integers with increasing values has 9 as its 7th term, what is the sum of the terms of the sequence?  
(A) 22 (B) 32 (C) 36  
(D) 40 (E) 44
14. A rectangular floor is covered by a rug except for a strip  $p$  meters wide along each of the four edges. If the floor is  $m$  meters by  $n$  meters, what is the area of the rug, in square meters?  
(A)  $mn - p(m + n)$   
(B)  $mn - 2p(m + n)$   
(C)  $mn - p^2$   
(D)  $(m - p)(n - p)$   
(E)  $(m - 2p)(n - 2p)$
15. Working alone, *R* can complete a certain kind of job in 9 hours. *R* and *S*, working together at their respective rates, can complete one of these jobs in 6 hours. In how many hours can *S*, working alone, complete one of these jobs?  
(A) 18 (B) 12 (C) 9  
(D) 6 (E) 3
16. A family made a down payment of \$75 and borrowed the balance on a set of encyclopedias that cost \$400. The balance with interest was paid in 23 monthly payments of \$16 each and a final payment of \$9. The amount of interest paid was what percent of the amount borrowed?  
(A) 6%  
(B) 12%  
(C) 14%  
(D) 16%  
(E) 20%
17. If  $x \neq 0$  and  $x = \sqrt{4xy - 4y^2}$ , then, in terms of  $y$ ,  $x =$   
(A)  $2y$   
(B)  $y$



# FAST ENTRY TEST PAST PAPERS PLSPOT

## FAST PAST PAPER 3

(C)  $\frac{y}{2}$

(D)  $\frac{-4y^2}{1-2y}$

(E)  $-2y$

18. Solution  $Y$  is 30 percent liquid  $X$  and 70 percent water. If 2 kilograms of water evaporate from 8 kilograms of solution  $Y$  and 2 kilograms of solution  $Y$  are added to the remaining 6 kilograms of liquid, what percent of this new solution is liquid  $X$ ?

(A) 30%

(C)  $37\frac{1}{2}\%$

(B)  $33\frac{1}{3}\%$

(D) 40%

(E) 50%

19.  $\frac{1}{\frac{1}{0.03} + \frac{1}{0.37}} =$

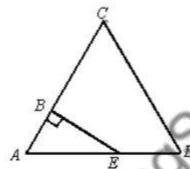
(A) 0.004

(D) 3.6036

(B) 0.02775

(E) 36.036

(C) 2.775



20. If each side of  $\triangle ACD$  above has length 3 and if  $AB$  has length 1, what is the area of region  $BCDE$ ?

(A)  $\frac{9}{4}$

(C)  $\frac{9}{4}\sqrt{3}$

(B)  $\frac{7}{4}\sqrt{3}$

(D)  $\frac{7}{2}\sqrt{3}$

(E)  $6 + \sqrt{3}$

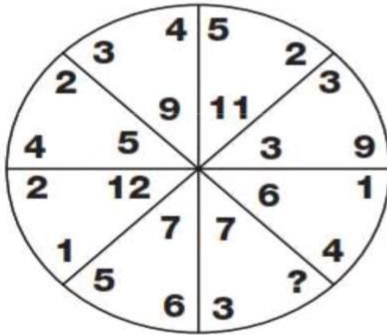
# FAST ENTRY TEST PAST PAPERS PLSPOT

## FAST PAST PAPER 3

### IQ

#### QUESTION 1

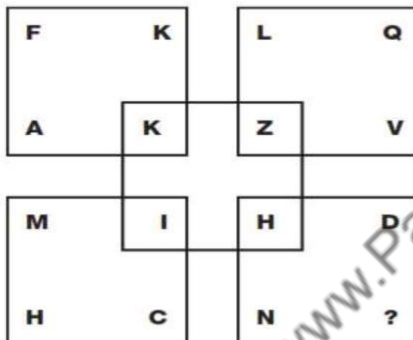
Which number is missing?



6, 4, 5, 2

#### QUESTION 2

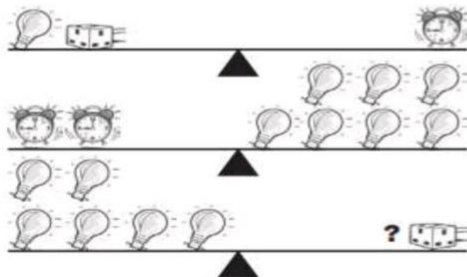
Which letter completes the puzzle?



1, 2, 4, 6

#### QUESTION 3

Which symbol replaces the question mark and completes the puzzle?



ALARM CLOCK, DIE, BULB

FAST PAST PAPERS

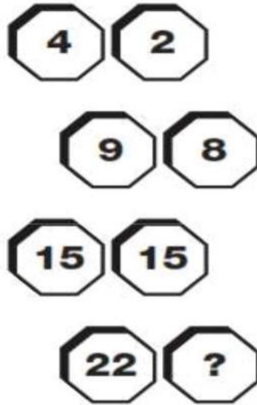


## FAST ENTRY TEST PAST PAPERS PLSPOT

## FAST PAST PAPER 3

## QUESTION 4

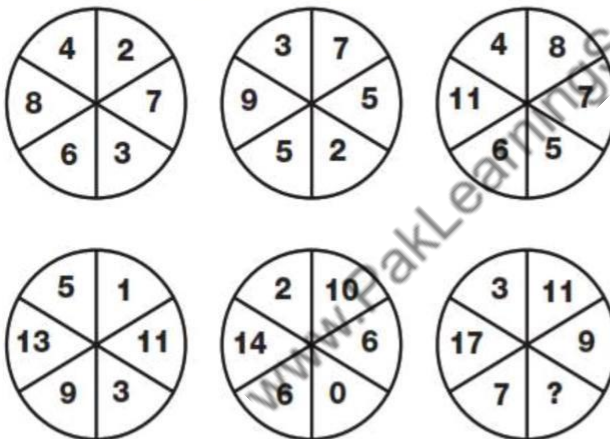
Which number replaces the question mark and completes the puzzle?



22, 23, 11, 10

## QUESTION 5

What is missing from the last circle?



1, 4, 5, 9

## QUESTION 6

Which letter replaces the question mark and completes the puzzle?



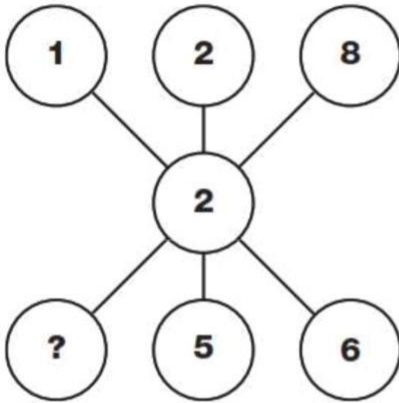
O, M, B, V

# FAST ENTRY TEST PAST PAPERS PLSPOT

## FAST PAST PAPER 3

### QUESTION 7

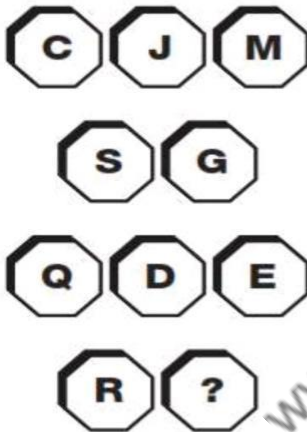
What is missing from the bottom left circle?



2, 8, 6, 9

### QUESTION 8

Which letter completes the puzzle?



J, H, M, B

### QUESTION 9

Which number replaces the question mark and completes the puzzle?



99, 96, 89, 44

### QUESTION 10

**FAST PAST PAPERS**

# FAST ENTRY TEST PAST PAPERS PLSPOT

## FAST PAST PAPER 3

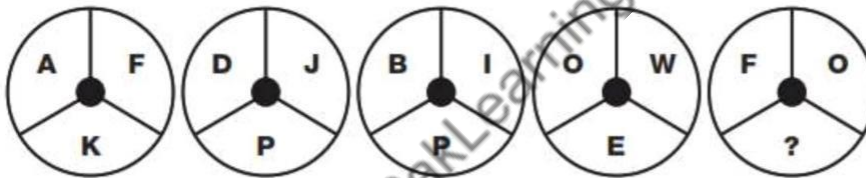
Which number replaces the question mark and completes the puzzle?

3	5
4	1
4	7
5	3
5	?

9, 8, 5, 3

QUESTION 11

What is missing from the last circle?



V, W, X, M

QUESTION 12

Which number replaces the question mark and completes the puzzle?

1	2	3
2	1	4
5	6	?

1, 2, 4, 3

FAST PAST PAPERS

# FAST ENTRY TEST PAST PAPERS PLSPOT

## FAST PAST PAPER 3

### QUESTION 13

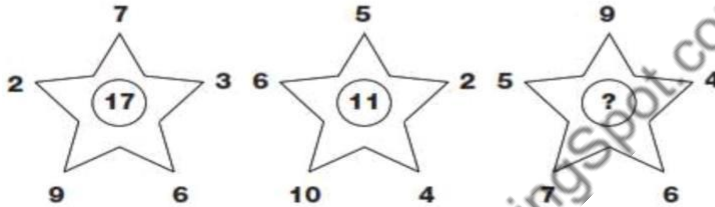
Which letter completes the puzzle?



B, C, A, D

### QUESTION 14

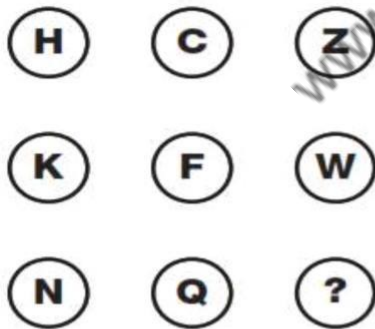
Which number replaces the question mark and completes the puzzle?



13, 12, 11, 11

### QUESTION 15

What is missing from the last circle?



Q, N, T, B

### QUESTION 16

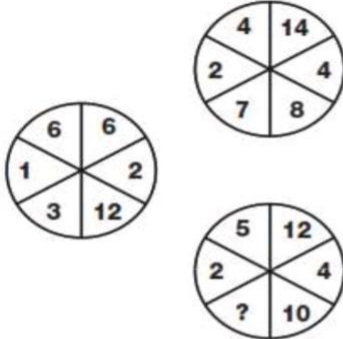
FAST PAST PAPERS



# FAST ENTRY TEST PAST PAPERS PLSPOT

## FAST PAST PAPER 3

Which number completes the puzzle?



6, 5, 4, 1

QUESTION 17

**H D X W B**

Which of the bottom letters replace the question mark and completes the puzzle?

**L Z E**  
**T A M**  
**V N ?**

W, M, N, B

QUESTION 18



## FAST ENTRY TEST PAST PAPERS PLSPOT

## FAST PAST PAPER 3

What is missing from the last oval?

7122

6521

8332

4743

9911

387?

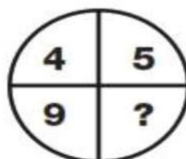
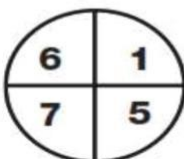
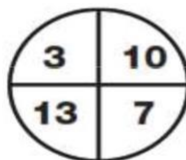
www.PakLearningSpot.com

FAST PAST PAPERS

QUESTION 19:

4, 1, 2, 6

Which number completes the puzzle?



1, 2, 3, 5



FAST PAST PAPER 3

QUESTION 20:

Which letter replaces the question mark and completes the puzzle?

B	H
C	E
D	B
D	I
E	F
F	?

C, M, N, B



# FAST ENTRY TEST PAST PAPERS PLSPOT

## FAST PAST PAPER 3

### ENGLISH

#### ANALOGIES

- |                           |                       |
|---------------------------|-----------------------|
| 1. DOOR : WALL            |                       |
| A. toll : road            | B. guard : border     |
| C. gate : fence           | D. bridge : river     |
| E. key : lock             |                       |
| 2. CARNIVORE : MEAT       |                       |
| A. carnivore : vegetables | B. herbivore : plants |
| C. vegetarian : vitamins  | D. botanist : herbs   |
| E. pollinator : plants    |                       |

#### SYNONYMS

- |                       |                 |            |
|-----------------------|-----------------|------------|
| 3. Synonym of ACCESS  |                 |            |
| A. agreement          | B. rapidity     | C. welcome |
| D. approach           | E. incompetence |            |
| 4. Synonym of PRUDENT |                 |            |
| A. generous           | B. overcritical | C. famous  |
| D. dull               | E. cautious     |            |

#### ANTONYMS

- |                         |              |              |
|-------------------------|--------------|--------------|
| 5. Antonym of ANIMATED  |              |              |
| A. worthy               | B. humorous  | C. dull      |
| D. lengthy              | E. realistic |              |
| 6. Antonym of EXTROVERT |              |              |
| A. clown                | B. hero      | C. ectomorph |
| D. neurotic             | E. introvert |              |

#### SENTENCE COMPLETION

7. The four close friends decided to attend different colleges. At first, they were \_\_\_\_\_ to leave each other, but eventually they were glad they each made their own \_\_\_\_\_.
- |                       |                       |                      |
|-----------------------|-----------------------|----------------------|
| A. excited...decision | B. reluctant...choice | C. frustrated...plan |
| D. happy...friendship | E. depressed...bond   |                      |
8. Samuel is loyal to his roots (he always has been), and is resistant to change. Raphael, however, favors a less traditional, more \_\_\_\_\_ approach.
- |            |                 |            |
|------------|-----------------|------------|
| A. patient | B. contemporary | C. diverse |
| D. liberal | E. forgiving    |            |

#### PREPOSITIONS

9. The play was made \_\_\_\_\_ a movie.
- |       |         |         |        |           |
|-------|---------|---------|--------|-----------|
| A. by | B. into | C. with | D. for | E. across |
|-------|---------|---------|--------|-----------|
10. The whole nation was \_\_\_\_\_ the president.
- |           |          |           |        |                |
|-----------|----------|-----------|--------|----------------|
| A. behind | B. after | C. before | D. for | E. in front of |
|-----------|----------|-----------|--------|----------------|



# FAST ENTRY TEST PAST PAPERS PLSPOT

## ANEES HUSSAIN FAST PAST PAPER

STUDENT'S NAME \_\_\_\_\_

DATED: \_\_\_\_\_

FAST PAST PAPERS

SECTION - I MATHEMATICS				SECTION - III BASIC MATH		SECTION - IV IQ		SECTION - V ENGLISH	
1	A	41	D	1	A	1	6	1	C
2	B	42	A	2	C	2	1	2	B
3	D	43	A	3	D	3	ALARM CLOCK	3	D
4	B	44	A	4	B	4	23	4	E
5	B	45	C	5	E	5	5	5	C
6	A	46	D	6	C	6	0	6	E
7	B	47	A	7	B	7	2	7	B
8	A	48	D	8	B	8	H	8	B
9	A	49	B	9	D	9	96	9	B
10	B	50	A	10	A	10	9	10	A
11	C			11	E	11	X		
12	B			12	C	12	3		
13	B			13	B	13	A		
14	B			14	E	14	13		
15	B			15	A	15	T		
16	A			16	D	16	6		
17	C			17	A	17	W		
18	D			18	C	18	4		
19	B			19	B	19	1		
20	D			20	B	20	C		
21	C								
22	A								
23	B								
24	C								
25	B								
26	A								
27	D								
28	C								
29	D								
30	A								
31	D								
32	A								
33	B								
34	B								
35	A								
36	B								
37	B								
38	A								
39	C								
40	A								

W		W		W		W		W	
R		R		R		R		R	